Environmental Permit No. FEP-01/571/2019/A

Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan

Environmental Team Leader Certification

Reference Document

Document to be Certified: Monthly EM&A Report (July 2025)

Date of Report: August 2025

Date received by ETL: 11 August 2025

Reference EP Condition

Environmental Permit Condition: 3.5

The Permit Holder shall submit 1 hard copy and 1 electronic copy of Monthly EM&A Reports for the construction and operation phases of the Project to the Director, within 2 weeks after the end of the reporting month. The monthly EM&A Reports shall include an executive summary of all environmental audit results, together with actions taken in the event of non-compliance (exceedances) of the environmental quality performance limits (Action and Limit Levels), complaints received and emergency events relating to violation of environmental legislation (such as illegal dumping). The submissions shall be certified by the ET Leader and verified by the IEC as having complied with the requirements as set out in the EM&A Manual before submission to the Director. Additional copies of the Monthly EM&A Reports shall be provided upon request by the Director.

ETL Certification

I hereby certify that the above reference report complies with the above referenced condition of FEP-01/571/2019/A.

Mr. Calvin Leung

Environmental Team Leader

Date: 12 August 2025

Environmental Permit No. FEP-01/571/2019/A

Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan

Independent Environmental Checker Verification

Reference Document

Document to be Verified: Monthly EM&A Report (July 2025)

Date of Report: August 2025

Date received by IEC: 11 August 2025

Reference EP Condition

Environmental Permit Condition:

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3.5

IEC Verification

I hereby verify that the above reference report complies with the above referenced condition of FEP-01/571/2019/A.

Mr. Adi Lee

Independent Environmental Checker

Date: 12 August 2025



Tai Po Golf Club Limited

Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan

Monthly EM&A Report No. 10 (for Jul 2025)

Reference: 289499-Monthly EM&A Report-010-01

This report takes into account the particular instructions and requirements of our client. It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party.

Job number 289499

Ove Arup & Partners Hong Kong Limited Level 5 Festival Walk 80 Tat Chee Avenue Kowloon Tong Kowloon Hong Kong arup.com

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Executive Summary

This Monthly Environmental Monitoring and Audit (EM&A) Report is prepared for the proposed golf course development at Tai Po Town Lot. 246, Shuen Wan. This is the 10th Monthly E&MA Report for the Project which summarises the findings of the EM&A programme during the reporting period from 1st July 2025 to 31st July 2025.

Key Construction Activities in the Reporting Period

The construction activities of the project carried out in the reporting period were site preparation works including vegetation cutting, vegetation trimming, backfilling and constructing reinforced slopes.

Breaches of Action and Limit Levels

No Action and Limit Level exceedance was recorded for air quality and construction noise monitoring in the reporting month. There were 41 Action Level exceedances for Dissolved Oxygen (DO), 11 Action Level exceedances for Turbidity and 48 Limit Level exceedances for Suspended Solids (SS) recorded for water quality monitoring in this reporting period. All exceedances were not related to the Project as no marine construction works being carried out according to the Environmental Permit (EP) Condition 2.38. In addition, no marine construction works were observed by the Environmental Team during weekly site inspections and marine water samplings throughout the reporting period.

No corrective actions were required according to the Event-Action Plans.

Complaint, Notification of Summons and Successful Prosecution

No complaints were received in the reporting period. No notification of summons and successful prosecutions were recorded in the reporting period.

Reporting Changes

Not applicable.

Future Key Issues

The main works anticipated in the upcoming month are vegetation cutting, vegetation trimming, backfilling and constructing reinforced slopes.

1. Introduction

1.1 Project Background

- 1.1.1.1 In June 2017, the Chief Executive in Council has agreed in principle to the government proposal to grant a piece of land in Tai Po in exchange for its private land in Sha Lo Tung which has high ecological values. Under the non-in-situ land exchange proposal, the piece of land at the Shuen Wan Restored Landfill in Tai Po will be granted and the Sha Lo Tung site would be considered by government for active conservation management to avoid degradation and damage for long-term public enjoyment. This land exchange proposal is a unique, exceptional and isolated case, adding the idea is technically feasible as the private land ownership is largely unified under one entity and both Sha Lo Tung and the land at the landfill site, which has been planned for golf course development, are located in Tai Po, as shown in Figure 1 of FEP-01/571/2019/A (extracted as **Appendix 1.1**). The non-in-situ land exchange proposal has been completed in July 2022, and the Project Site has been handed over to the Project Proponent (PP).
- 1.1.1.2 The Project is a Designated Project (DP) under Environmental Impact Assessment Ordinance (EIAO), and an Environmental Impact Assessment (EIA) study was conducted in 2017. The *Shuen Wan Golf Course EIA Report* was approved by the Director of Environmental Protection (DEP) on 5 July 2019 (AEIAR-221/2019) ("the approved EIA Report") with the Environmental Permit (EP, EP-571/2019) issued on 20th September 2019. An application of Further Environmental Permit (FEP) has been made by Tai Po Golf Club Limited (the PP) and FEP was issued on 29th November 2022 (FEP-01/571/2019). Besides, surrender of EP-571/2019 has been applied and approved on 9th December 2022. In addition, an application for variation of EP has been made on 16th May 2023 to amend FEP-01/571/2019, and the amended EP was issued on 6th June 2023 (FEP-01/571/2019/A).
- 1.1.1.3 In August 2023, Fugro Technical Services Limited (FTS) was commissioned to undertake the Environmental Team services for the construction of Shuen Wan Golf Course (the Project). The construction works and EM&A programme were commenced on 14th October 2024.

1.2 Purpose of the EM&A Report

1.2.1.1 The monthly EM&A report is prepared in accordance with the Clause 3.5 of the Environmental Permit No. FEP-01/571/2019/A. This monthly EM&A report presents the monitoring works conducted from 1st July 2025 to 31st July 2025. The purpose of this report is to summarise the findings in the EM&A of the project over the reporting period.

1.3 Structure of the EM&A Report

- 1.3.1.1 The structure of the EM&A Report is given below:
 - **Section 1** Introduces the project background and purposes of this EM&A report.
 - Section 2 Presents the project organisation, construction programme and activities and status of environmental licenses, notification and permits of this reporting period.

- Section 3 Presents the EM&A requirements of construction dust, construction noise, water quality, waste management, landfill gas, ecology, fisheries, landscape and visual.
- **Section 4** Presents the implementation status of environmental mitigation measures.
- Section 5 Presents the monitoring and audit results of construction dust, construction noise, water quality, waste management, landfill gas, ecology, fisheries, and landscape and visual.
- **Section 6** Presents the findings of environmental site inspections of this reporting period.
- Section 7 Reports the monitoring exceedances, environmental non-compliances, environmental complaints, environmental summons, and successful prosecutions (if any).
- **Section 8** Presents key construction activities, related environmental issues anticipated in the next reporting month. The monitoring schedule for the next reporting period is also provided.
- **Section 9** Summarises and concludes the findings. Recommendations are included where appropriate.

2. Project Information

2.1 Project Organization

2.1.1.1 The Project's organization structure is shown in **Appendix 2.1.** Contact details of the key personnel are summarized in **Table 2.1**.

Table 2.1 - Contact Information of Key Personnel

Party	Position	Name	Telephone
Project Management Team	Senior Project	Mr. Erik Chan	2638 8270
(Tai Po Golf Club Limited)	Manager	WII. LIIK CHaii	2030 0270
The Contractor	Managing Director	Mr. James Chow	9342 7607
(CR-Tapbo JV)	Triminging Director	THE CHILLS CHOW	75 .2 , 66,
Specialist Contractor			
(Shanghai SUS Remediation	Project Director	Mr. Harry Wong	7019 7240
Company Limited)			
Environmental Team (ET)	Environmental Team	Mr. Calvin Leung	3565 4441
(Fugro Technical Services Limited)	Leader	8	
Ecologist	Project Ecologist	Dr. Klinsmann Cheung	2553 0468
(Ecosystems Limited)	, ,		
Registered Landscape Architect	Director	Ms. Siuman Hung	2143 6721
(H Plus Limited)		C	
Independent Environmental Checker			
(IEC)	Technical Director	Mr. Adi Lee	2859 5443
(Meinhardt Infrastructure and Environment Limited)			
,			
Independent Environmental Checker (IEC)	Senior Environmental		
(Meinhardt Infrastructure and	Consultant	Ms. Yuk Lam	2859 5490
Environment Limited)	Consultant		
Independent Landfill Consultant			
(Meinhardt Infrastructure and	Landfill Designer	Mr. Steve Mok	2859 5490
Environment Limited)			_000 0 .00
Independent Landfill Consultant			
(Meinhardt Infrastructure and	Geotechnical Engineer	Mr. Roger Lee	2859 5490
Environment Limited)			

2.2 Construction Programme and Activities

2.2.1.1 During the reporting period, construction works undertaken by the Contractor involved site preparation works including vegetation cutting, vegetation trimming, backfilling and constructing reinforced slopes. The project is now undergoing Phase I and the Construction Phasing Plan is attached in **Appendix 2.2**. The construction programme provided by the Contractor is attached in **Appendix 2.3**.

2.3 Status of Environmental Licences, Notifications and Permits

2.3.1.1 The current environmental licenses, notifications and/or permits are presented in **Table 2.2**.

Table 2.2 - Environmental Licenses, Notifications and Permits

Licenses/Notifications/Permits	Ref. No.	Validity Period	Remarks
Environmental Permit	FEP-	Throughout the	Permit granted on 6 th June 2023
	01/571/2019/A	Contract	

Licenses/Notifications/Permits	Ref. No.	Validity Period	Remarks
Notification Pursuant to Air	-	-	The Contractor notified EPD
Pollution (Construction Dust)			on 3 rd September 2024 with
Regulation			reference number 10008759.
Billing Account for Disposal of	Account Number:	Throughout the	Application approved on 23 rd
C&D Waste	7052550	Contract	October 2024.
Chemical Waste Producer	Waste Producer	Throughout the	Registration completed on 15 th
Registration	Number:	Contract	November 2024.
	WPN5213-727-		
	C5014-01		
Water Discharge License	License Number:	28th January 2025	Application approved on 28th
_	WT00045929-	to 31st January	January 2025.
	2025	2030	-

2.4 Status of Submissions under Environmental Permit

2.4.1.1 The status of submissions under the Environmental Permit (EP) before and during the reporting period is presented in **Table 2.3**.

Table 2.3 - Status of Submissions under Environmental Permit

EP Condition	Submission	Status	
FEP-01/57	1/2019/A		
2.1	Employment of Environmental Team (ET) • Minimum on-site time of ET	Approved	
2.4	Employment of Ecologist		
2.5	Employment of Registered Landscape Architect (RLA)		
2.6	Employment of Independent Environmental Checker (IEC) • Minimum on-site time of IEC and the supporting team		
2.7	Proposal of IEC Reporting Mechanism		
2.10	Employment of Independent Landfill Consultant		
2.11	Employment of Specialist Contractor		
2.14	Tree Preservation, Transplantation and Compensation Plan (TPTCP)		
2.15	Construction Phasing Plan (CPP)		
2.17	Construction Dust Management Plan		
2.19	Land Contamination Assessment		
2.16	Construction Phase Water Quality Mitigation Measures and Monitoring Plan		
2.12	Management Organisations	Approved.	
2.18	Powered Mechanical Equipment Restriction Zones Review Report (PMERZRR)	No submission is required.	
2.13	Tree Survey Report	Ammorrad	
2.14	Tree Preservation, Transplantation and Compensation Plan	Approved.	
2.22	Updated Construction Phase Landfill Gas Hazard Assessment	An updated version submitted to EPD on 29 th July 2024 is pending for approval.	
2.20	Design Plan	Being updated for approval.	

EP Condition	Submission	Status
2.21	Works Plan	Being updated for approval.
2.23	Landscape and Visual Mitigation Plan	Approved.

3. Environmental Monitoring and Audit Requirements

3.1 Construction Dust Monitoring

3.1.1 Monitoring Stations

3.1.1.1 The Dust Monitoring Locations are summarised in **Table 3.1** and shown in **Appendix 3.1**.

Table 3.1 - Dust Monitoring Locations

Monitoring Station ID	Location
DM-1	Environmental Protection Department (EPD) Site Office
DM-2a	Near Fortune Garden Entrance
DM-3a	Outside Hung Hing Printing Centre

3.1.2 Monitoring Requirements and Schedule

3.1.2.1 In accordance with the EM&A Manual, 1-hour total suspended particulate (TSP) levels at the three air quality monitoring stations were established. **Table 3.2** summarizes the parameter and frequency of air quality monitoring. The detailed monitoring schedule is shown in **Appendix 3.2**. The Action and Limit Levels of the air quality monitoring are provided in **Table 3.3**. The Event and Action Plan for air quality during construction phase in given in **Appendix 3.3**.

Table 3.2 - Monitoring Parameter and Frequency (Air Quality)

Parameter	Frequency
1 hour TSP	1-hour sampling, at least 3 times per day for every 6 days.

Table 3.3 - Action and Limit Levels for 1-hour TSP

Monitoring Stations	Action Level (μg/m³)	Limit Level (μg/m³)
DM-1	283	500
DM-2a	276	500
DM-3a	270	500

3.1.3 Monitoring Equipment

1- hour TSP

3.1.3.1 Portable direct reading dust meter was used to carry out the 1-hour TSP monitoring. The equipment used for TSP monitoring is summarized in **Table 3.4**.

Table 3.4 - 1-hr TSP Monitoring Equipment

Equipment	Manufacturer/ Brand	Model
Portable TSP Monitors	Sibata	LD-5R

Maintenance and Calibration

3.1.3.2 The dust meter should be calibrated at 1-year intervals. The calibration certificates are presented in **Appendix 3.4**.

3.1.4 Monitoring Procedure

- 3.1.4.1 The measuring procedures of the dust meter are in accordance with the Manufacturer's instruction manual as follows:
 - 1) Pull up the air sampling inlet cover;
 - 2) Change the Mode 0 to BG with once;
 - 3) Push Start/Stop switch once;
 - 4) Turn the knob to SENSI.ADJ and press it;
 - 5) Push Start/Stop switch once;
 - 6) Return the knob to the position MEASURE slowly;
 - 7) Push the timer set switch to set measuring time;
 - 8) Remove the cap and make a measurement;

3.2 Construction Noise Monitoring

3.2.1 Monitoring Stations

3.2.1.1 The Noise Monitoring Locations are summarised in **Table 3.5** and shown in **Appendix 3.1**.

Table 3.5 - Noise Monitoring Locations

Monitoring Station ID	Location	Type of Measurement
NM-1a	Near Fortune Garden Entrance	Façade
NM-2	Village House at 53 Ting Kok Road	Façade

3.2.2 Monitoring Requirements and Schedule

3.2.2.1 In accordance with the EM&A Manual, two noise monitoring stations were established. **Table 3.6** summarizes the parameter and frequency of noise monitoring. The detailed monitoring schedule is shown in **Appendix 3.2**. The Action and Limit Levels of the noise monitoring are provided in **Table 3.7**. The Event and Action Plan for noise during construction phase in given in **Appendix 3.3**.

Table 3.6 - Monitoring Parameter and Frequency (Noise)

Parameter	Frequency
Leq, L ₁₀ and L ₉₀	Daily:
(A-weighted)	$L_{Aeq~(30~mins)}$ between 0700 and 1900 Monday to Saturday for every week

Table 3.7 - Action and Limit Levels for Noise Impact Monitoring

Time Period	Action Level	Limit Level
0700 - 1900 hours on normal weekdays	When one documented complaint is received	75 dB(A) *

Note:

If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed.

3.2.3 Monitoring Equipment

3.2.3.1 The equipment used for noise monitoring is summarized in **Table 3.8**:

Table 3.8 - Noise Monitoring Equipment

Manufacturer/ Brand	Ianufacturer/ Brand Model Equipment	
Casella	CEL-63X Series	Sound Level Meter
Casella	CEL-120/1	Sound Calibrator
Benetech	GM816	Wind Speed Anemometer

3.2.4 Monitoring Procedure

Measuring Methodology

- 3.2.4.1 The noise monitoring procedures are in accordance with the Manufacturer's instruction Manual as follows:
 - The monitoring station will be set at a point 1m from the exterior of the sensitive receivers building façade and set at a position 1.2m above the ground;
 - The battery condition will be checked to ensure good functioning of the meter;
 - Parameters such as frequency weighting, the time weighting and the measurement time will be set as follows:
 - Frequency weighting: A
 - Time weighting: Fast
 - Measurement time: continue 5 minutes interval
 - Prior to and after noise measurement, the meter shall be calibrated using the calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement is more than 1.0 dB, the measurement will be considered invalid and repeat of noise measurement is required after re-calibration or repair of the equipment;
 - The wind speed at the monitoring station shall be checked with the portable wind meter. Noise monitoring should be cancelled in the presence of fog, rain, and wind with a steady speed exceeding 5 m/s, or wind with gusts exceeding 10 m/s;
 - Noise measurement should be paused during periods of high intrusive noise if possible and observation shall be recorded when intrusive noise is not avoided; and
 - At the end of the monitoring period, the A-weighted L_{eq}, L₁₀ and L₉₀ shall be recorded.
 In addition, site conditions and noise sources should be recorded on a standard record sheet.

Maintenance and Calibration

3.2.4.2 The Sound Level Meter (SLM) and Sound Level Calibrator should be calibrated at 1-year intervals. The calibration certificates are presented in **Appendix 3.4**.

3.3 Water Quality Monitoring

3.3.1 Monitoring Stations

3.3.1.1 The Water Quality Monitoring Locations are summarised in **Table 3.9** and shown in **Appendix 3.1**.

Table 3.9 - Proposed water quality monitoring locations

Monitoring Station ID	Description	Easting	Northing
WM-1	South of Project Site near Coral Sites	838145	834573
WM-2	West of Yim Tin Tsai Fish Culture Zone	839362	834856

3.3.2 Monitoring Requirements and Schedule

3.3.2.1 In accordance with the EM&A Manual, two water quality monitoring stations were established. **Table 3.10** summarizes the parameter and frequency of water quality monitoring. The detailed monitoring schedule is shown in **Appendix 3.2**. The Action and Limit Levels of the water quality monitoring are provided in **Table 3.11**. The Event and Action Plan for water quality during construction phase in given in **Appendix 3.3**.

Table 3.10 - Monitoring Parameters and Frequencies (Water Quality)

Parameter	Frequency (1)
In-situ Measurements (2)	
Dissolved oxygen (DO)	
Dissolved oxygen saturation (DO%)	
Temperature	3 days in a week
Turbidity	
Salinity	
pH	
Laboratory Measurements (2)	
Suspended Solids (SS)	3 days in a week

Notes:

Table 3.11 - Action and Limit Levels for Water Quality Monitoring

		Construction Phase							
Parameter(s)	DO (S&M) in mg/L		DO (B) in mg/L (de		(depth-a	SS (depth-averaged) in mg/L		Turbidity (depth-averaged) in NTU	
Station(s)	AL	LL	AL	LL	AL	LL	AL	LL	
Ebb Tide									
WM-1	6.23	4.00	5.06	2.00	3	4	1.00	1.21	
WM-2	6.10	5.00	4.92	2.00	3	3	1.31	1.54	
Flood Tide									
WM-1	6.36	4.00	5.46	2.00	2	3	0.96	1.12	
WM-2	6.23	5.00	5.15	2.00	3	3	1.40	1.47	

3.3.2.2 In general, where the difference in value between the first and second in-situ measurement of DO or turbidity parameters is more than 25% of the value of the first reading, the reading shall be discarded, and further readings should be taken.

3.3.3 Monitoring Equipment

3.3.3.1 The limits of detection for the in-situ equipment used and laboratory measurements are shown in **Table 3.12**.

^[1] Intervals between 2 sets of monitoring not less than 36 hours.

^[2] Monitoring at mid-flood and mid-ebb tides.

Table 3.12 - Detection Limits and Precision for Water Quality Determinants

Parameters (1) Unit Measuring Equipment/Method		Measuring Equipment/Method	Detection Range	Accuracy	
In-situ Measureme	ents (2)				
Dissolved oxygen (DO)	mg/L	YSI EXO-1/3 Multi-parameter Water Quality Meter	DO: 0-50mg/L	0 to 20mg/L±1% 20 to 50mg/L±5%	
Dissolved oxygen saturation (DO%)	%	YSI EXO-1/3 Multi-parameter Water Quality Meter	0-500%	0 to 200%±1% 200 to 500% ±5%	
Salinity	ppt	YSI EXO-1/3 Multi-parameter Water Quality Meter	0 to 70 ppt	±1.0%	
Water temperature	°C	YSI EXO-1/3 Multi-parameter Water Quality Meter	-5 to 50°C	-5 to 35°C±0.01°C 35 to 50°C±0.05°C	
рН	unit	YSI EXO-1/3 Multi-parameter Water Quality Meter	0 to 14 pH units	±0.2	
Turbidity	NTU	YSI EXO-1/3 Multi-parameter Water Quality Meter	0-4000 NTU(FNU)	±2% (0 to 999) ±5% (1000 to 4000)	
Volume		Water Sampler (Acrylic Beta Water Bottle Kit, Horizontal, 3.2L / 4.2L)	NA	NA	
Positioning m		DGPS (Simrad MX521B Smart Antenna with Simrad MX610 CDU)	NA	1m	
Water Donth m		Echo Sounder (Garmin ECHO 101)	Maximum depth: 1,500 feet (457.2 m)	±0.1m	
Laboratory Measu	remen	t			
Suspended Solid (SS)	mg/L	АРНА 2540-D	0.5 mg/L (Reporting Limit)	N/A	

Notes:

Calibration

- 3.3.3.2 All in-situ monitoring instrument shall be checked, calibrated and certified by an environmental laboratory accredited under HOKLAS before use. Responses of sensors and electrodes shall be checked with certified standard solutions before each use. Wet bulb calibration for a DO meter shall be carried out before measurement at each monitoring location.
- 3.3.3.3 The calibration certificates are presented in **Appendix 3.4**.
- 3.3.4 Monitoring Procedure

Dissolved Oxygen, Dissolved Oxygen Saturation and Temperature Measuring Equipment

- 3.3.4.1 The dissolved oxygen (DO) measuring instruments should be portable and weatherproof. The equipment should complete with cable and sensor, and DC power source. It should be capable of measuring:
 - a dissolved oxygen level in the range of 0-20 mg/l and 0-200% saturation; and
 - a temperature of 0-45 degree Celsius.
- 3.3.4.2 The equipment should have a membrane electrode with automatic temperature compensation complete with a cable.

^[1] SS - Suspended Solid

^[2] In-situ duplicate reading with \(\leq 25\)% difference would be recalibrated.

3.3.4.3 Should salinity compensation not be built-in to the DO equipment, in-situ salinity should be measured to calibrate the DO measuring instruments prior to each measurement.

Turbidity Measuring Equipment

3.3.4.4 The turbidity measuring instruments should be portable and weatherproof with DC power source. It should have a photoelectric sensor capable of measuring turbidity level between 0-1000 NTU (for example, Hach model 2100P or an approved similar instrument).

Salinity Measuring Equipment

3.3.4.5 A portable salinometer capable of measuring salinity in the range of 0-40 parts per thousand (ppt) should be provided for measuring salinity of the water at each monitoring location.

pH Measuring Equipment

3.3.4.6 A portable pH meter of measuring a pH range between 0.0 and 14.0 shall be provided under the specified conditions (for example Orion Model 250A or an approved similar equipment).

Positioning Equipment

3.3.4.7 A hand-held or boat-fixed type digital Differential Global Positioning System (DGPS) with way point bearing indication and Radio Technical Commission for Maritime (RTCM) Type 16 error message "screen pop-up" facilities (for real-time auto-display of error messages and DGPS corrections from the Hong Kong Hydrographic Office), or other equipment instrument of similar accuracy, should be provided and used during marine water monitoring to ensure the monitoring vessel is at the correct location before taking measurements.

Water Depth Detector

3.3.4.8 A portable, battery-operated echo sounder should be used for water depths determination at each designated monitoring station. The detector can either be hand-held or affixed to the bottom of the work boat, if the same vessel is to be used throughout the monitoring programme.

Water Sampling Equipment

3.3.4.9 Proper water samplers are required for monitoring. It should comprise a transparent PVC cylinder, with a capacity of not less than 2 litres, which can be effectively sealed with latex cups at both ends. The sampler should have a positive latching system to keep it open to prevent premature closure until released by a messenger when the sampler is at the selected water depth (for example, Kahlsico Water Sampler or an approved similar instrument).

Sample Containers and Storage

- 3.3.4.10 Water samples for Suspended Solids (SS) should be stored in high density polythene (HDPE) bottles with no preservative added, packed in ice (cooled to 4°C without being frozen) and shipment to the testing laboratory. The samples shall be delivered to the laboratory of collection and be analysed as soon as possible after collection.
- 3.3.4.11 The container types for holding water samples are presented in **Table 3.13**.

Table 3.13 - Container Types for Holding Water Samples

Test Parameter (1)	Container Type	Preservative
SS	HDPE Bottle	No

Note:

[1] SS - Suspended Solid

Calibration of In-Situ Instruments

3.3.4.12 The pH meter, DO meter and turbidimeter shall be checked and calibrated before use. DO meter and turbidimeter shall be certified by a laboratory accredited under HOKLAS or any other international accreditation scheme, and subsequently re-calibrated on quarterly basis (e.g. 3 monthly intervals) throughout all stages of the water quality monitoring. Responses of sensors and electrodes should be checked with certified standard solutions before each use. Wet bulb calibration for a DO meter shall be carried out before measurement at each monitoring station.

Back-up Equipment

3.3.4.13 Sufficient stocks of spare parts shall be maintained for replacements when necessary. Backup monitoring equipment shall also be made available so that monitoring can proceed uninterrupted even when some equipment is under maintenance, calibration, malfunction, etc.

<u>Laboratory Measurement / Analysis</u>

- 3.3.4.14 At least 3 replicate samples from each independent sampling event are required for the measurement (i.e. SS) which shall be carried out in a HOKLAS or international accredited laboratory.
- 3.3.4.15 Fugro Technical Services Limited (Registration No. HOKLAS 015) has been appointed to conduct the laboratory measurement or analysis of water sample in this project.
- 3.3.4.16 If the sampling water depth is more than 6m, sampling should be conducted at three water depths which are 1m below water surface, mid-depth, and 1m above the seabed. If the sampling water depth is less than 6m, the mid-depth may be omitted. If the water depth is less than 3m, only the mid-depth may be monitored.
- 3.3.4.17 Sufficient water samples shall be collected at the monitoring stations for carrying out the laboratory measurement and analysis. The laboratory determination work shall start within 24 hours after the collection of water samples.

3.4 Waste Management

3.4.1 Monitoring Requirements

3.4.1.1 Regular audits and site inspections as detailed in **Section 6** of this report should be carried out during construction phase by the Environmental Team to ensure that the recommended good site practices and other mitigation measures recommended in the EIA Report and in **Section 4** of this report are properly implemented by the Contractor. The audits should concern all aspects of on-site waste management practices including waste generation, storage, recycling, transport and disposal. Apart from site inspection, documents including licenses, permits, disposal and recycling records should be reviewed and audited for compliance with the legislation and contract requirements.

3.5 Landfill Gas Monitoring

3.5.1 Monitoring Requirements

- 3.5.1.1 Periodically during ground-works construction, the works area should be monitored by the site Safety Officer for oxygen, methane and carbon dioxide gas concentrations using appropriately calibrated portable gas detection equipment. Routine monitoring should be carried out in all excavations, manholes, chambers and any other confined spaces that may have been created. The monitoring frequency and areas to be monitored should be set down prior to commencement of ground-works by the Safety Officers. The monitoring requirement of excavations stated in the Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97) sections 8.25 to 8.27 will be followed. All measurements of LFG should be recorded and documented by a standard record form to be approved by the Environmental Protection Department (EPD). The form will detail the location, time of monitoring and equipment used, together with the gas concentrations measured to ensure all relevant data are recorded. LFG monitoring during construction phase will be reported in the monthly EM&A Reports.
- 3.5.1.2 The gas detection equipment should be appropriately calibrated and able to measure the following gases in the ranges indicated below:

Methane 0-100% LEL and 0-100% v/v

Carbon dioxide 0-100% Oxygen 0-21%

- 3.5.1.3 Monitoring should be performed properly to make sure that the area is free of LFG before any man enters into the area.
- 3.5.1.4 All measurements in excavations should be made with the extended monitoring tube located not more than 10mm from the exposed ground surface. The monitoring should be undertaken by the Safety Officer.
- 3.5.1.5 For excavations deeper than 1m, measurements should be carried out:
 - at the ground surface before excavation commences;
 - immediately before any worker enters the excavation;
 - at the beginning of each working day for the entire period the excavation remains open; and

- periodically throughout the working day whilst workers are in the excavation.
- 3.5.1.6 For excavations between 0.3m and 1m deep, measurements should be carried out:
 - directly after the excavation has been completed; and
 - periodically whilst the excavation remains open.
- 3.5.1.7 For excavations less than 0.3m deep, monitoring may be omitted, at the discretion of the Safety Officer or other appropriately competent environmental specialist.
- 3.5.1.8 Depending on the results of the measurements, actions required will vary and should be set down by the Safety Officer or other appropriately environmental specialist. As a minimum, these should encompass those actions specified in **Table 3.14**.

Table 3.14 – Actions in the event of LFG being detected in excavations

Parameter	Monitoring Results	Actions
	>10% LEL	Prohibit hot works;
	(i.e. > 0.5% v/v)	Ventilate to restore methane to <10%LEL.
Methane		Stop works;
ivietnane	>20% LEL	Inform EPD and Landfill Contractor;
	(i.e. > 1% v/v)	Evacuate all personnel/prohibit entry;
		Increase ventilation to restore methane to <10% LEL.
	>0.5% v/v	Ventilate to restore carbon dioxide to <0.5% v/v.
		Stop works;
Carbon dioxide		Inform EPD and Landfill Contractor;
Carbon dioxide	>1.5% v/v	Evacuate all personnel/prohibit entry;
		Increase ventilation to restore carbon dioxide to <0.5%
		v/v.
	<19%	Ventilation trench/void to restore oxygen to >19%
		Stop works;
Oxygen	<18%	Inform EPD and Landfill Operator;
	1070	Evacuate personnel/prohibit entry;
		Increase ventilation to restore oxygen to >19%

3.5.2 Monitoring Equipment

3.5.2.1. The equipment used for landfill gas monitoring as used by the site Safety Officer is summarized in **Table 3.15**. The calibration certificate as provided by the site Safety Officer is presented in **Appendix 3.4**.

Table 3.15 - Landfill Gas Monitoring Equipment

Manufacturer/ Brand	Model	Equipment
Geotech	GA5000	Landfill Gas Analyser

3.6 Ecology

3.6.1 Monitoring Requirements

3.6.1.1 During construction phase, roost surveys should be conducted on the Project Site to monitor utilisation of the preserved and/or the newly planted tree groups by Collared Crow and Black Kite.

- 3.6.1.2 Collared Crow Pre-roost/Roost Survey: Surveys of utilization of the preserved tree groups by Collared Crow will be conducted at least monthly during the Phase 1 and Phase 2 of the construction programme, and at least weekly during the Phase 3 of the construction programme. Surveys will be carried out at least one hour before sunset (making reference to information from the Hong Kong Observatory), and continued after sunset until the light condition is not sufficient for counting. Observations will be made from vantage points which can cover the preserved and/or the newly planted tree groups within the Project Site. Observations will be made with binoculars and spotting scope, and the number of Collared Crows utilizing the preserved and/or the newly planted tree groups will be counted. Locations of roost(s) will be marked on maps.
- 3.6.1.3 Black Kite Pre-Roost/Roost Survey: Surveys of utilization of the preserved and/or the newly planted tree groups by Black Kite will be conducted at least monthly during the construction phase. Surveys will be carried out at least one hour before sunset (making reference to the information from the Hong Kong Observatory), and continued after sunset until the light condition is not sufficient for counting. Observations will be made from vantage points which can cover the preserved and/or the newly planted tree groups within the Project Site. Observations will be made with binoculars and spotting scope, and the number of Black Kites utilizing the preserved and/or the newly planted tree groups will be counted. Locations of roost(s) will be marked on maps.
- 3.6.1.4 Site inspections as detailed in **Section 6** of this report and water quality monitoring as detailed in **Section 3.3 and Section 5.3** of this report during construction phase shall be carried out to monitor any malpractice leading to deterioration of water quality of the surrounding which may in turn affect marine ecology.

3.7 Fisheries

3.7.1 Audit Requirements

3.7.1.1 Site inspections during construction phase shall be carried out to monitor any malpractice leading to deterioration of water quality of the surrounding which may in turn affect the fisheries resources. Site inspection shall be undertaken by the Environmental Team at least once per week during the routine environmental audit as detailed in **Section 6** of this report. During construction phase, the proposed water quality monitoring programme stated in Section 6 of the EIA report will include the closest FCZ (i.e. Yim Tin Tsai FCZ, near Water Quality Monitoring Station WM-2). The locations of water quality monitoring station are presented in **Appendix 3.1**.

3.8 Landscape and Visual

3.8.1 Audits Requirements

- 3.8.1.1 Audits will be carried out during construction phase to ensure all the recommended landscape and visual mitigation measures in the EIA are properly and effectively implemented and to ensure compliance with the intended aims of the measures. The EM&A comprises of monitoring and auditing of proper site management to reduce visual nuisance, the protection of preserved and transplanted trees, advance tree transplanting and mitigation planting works, the implementation and establishment of compensatory planting through site audit programme. Site inspections as detailed in **Section 6** of this report should be undertaken by the ET at least twice a month during the construction period. The audit will be undertaken by a member of the Environmental Team who is a certified arborist or who has tree survey relevant experiences not less than 1 year for monitoring and auditing the landscape works, monthly during the construction period (construction phase).
- 3.8.1.2 The Event and Action Plan for landscape and visual during construction phase in given in **Appendix 3.3**.

4. Implementation Status of Environmental Mitigation Measures

4.1.1	Implementation	n Status of	Environmental	Mitigation	Measures

4.1.1.1 The implementation statuses of Environmental Mitigation Measures are listed in **Appendix 4.1**.

5. Monitoring and Audit Results

5.1 Construction Dust Monitoring

5.1.1 Results and Observations

5.1.1.1 The monitoring data are summarized in **Table 5.1**. Detailed monitoring results of 1-hour TSP are presented in **Appendix 5.1**. Detailed weather conditions during the monitoring period are shown in **Appendix 5.4**.

Table 5.1 - Summary of 1-hour TSP Monitoring Results

Maritarina Stations	TSP Concentration, μg/m ³			
Monitoring Stations	Average	Range		
DM-1	55	37 – 92		
DM-2a	36	20 – 61		
DM-3a	36	18 – 56		

5.1.1.2 The monitoring results were within the corresponding Action and Limit Levels at all monitoring stations in the reporting period.

5.2 Construction Noise Monitoring

5.2.1 Results and Observations

5.2.1.1 The monitoring data are summarized in **Table 5.2**. Detailed monitoring results of 1-hour TSP are presented in **Appendix 5.1**. Detailed weather conditions during the monitoring period are shown in **Appendix 5.4**.

Table 5.2 - Summary of Noise Monitoring Results

Location	Parameter & Time	Min in dB(A)	Max in dB(A)	Average in dB(A)
Fortune Garden (NM-1a)	L_{Aeq} (30 mins) between 0700 and 1900	65.8	67.1	66.6
Village House at 53 Ting Kok Road (NM-2)	L_{Aeq} (30 mins) between 0700 and 1900	62.2	65.9	64.5

5.2.1.2 The monitoring results were within the corresponding Action and Limit Levels at all monitoring stations in the reporting period.

5.3 Water Quality Monitoring

5.3.1 Results and Observations

5.3.1.1 The monitoring data are summarized in **Table 5.3**. Detailed monitoring results are presented in **Appendix 5.1**. Detailed weather conditions during the monitoring period are shown in **Appendix 5.4**.

Table 5.3 - Summary of Water Quality Monitoring Results

		WM-1	WM-2	WM-1	WM-2
Parameter(s)		(Mid-Ebb)	(Mid-Ebb)	(Mid-Flood)	(Mid-Flood)
DO (Surface & Middle)	Min.	4.37	5.04	4.54	5.00

		WM-1	WM-2	WM-1	WM-2
Parameter(s)		(Mid-Ebb)	(Mid-Ebb)	(Mid-Flood)	(Mid-Flood)
in mg/L	Max.	9.25	9.43	9.30	9.54
	Mean	7.53	6.85	7.56	6.99
DO (Bottom) in mg/L	Min.	2.49	2.22	3.05	2.07
	Max.	9.59	9.09	9.50	9.59
	Mean	5.61	4.78	5.63	4.78
SS (depth-averaged) in mg/L	Min.	5	5	6	5
	Max.	13	14	18	16
	Mean	9	9	10	9
Turbidity (depth-averaged)	Min.	0.50	0.30	0.45	0.36
in NTU	Max.	1.15	1.17	1.12	1.14
	Mean	0.93	0.89	0.88	0.89

QA/QC results and detection limits

- 5.3.1.2 The QA/QC results of laboratory test and the parameters detection limits were shown in **Appendix 5.1**. The HOKLAS accreditation certification of the testing laboratory is presented in **Appendix 5.2**.
- 5.3.1.3 The number of Dissolved Oxygen (DO) monitoring results triggering the corresponding Action Level during this reporting period was 41. All DO (Dissolved Oxygen) monitoring result were within the corresponding Limit Levels at all monitoring stations throughout the reporting period. **Table 5.4** presents the summary of the DO compliance status at WM-1 and WM-2 stations during mid-ebb and mid-flood for the reporting period. Seasonal fluctuation may be the cause of non-compliance on 11, 14, 16, 23 and 28 July 2025. Heavy rainfall may be the cause of non-compliance on 9 and 18 July 2025. Photo records during water sampling days are presented in **Appendix 5.3**.

Table 5.4 - Summary of DO Compliance Status

	WM-1	WM-1	WM-2	WM-2	WM-1	WM-1	WM-2	WM-2
Date	DO	DO	DO	DO	DO	DO	DO	DO
	(Surface	(Bottom	(Surface	(Bottom)	(Surfac	(Bottom	(Surfac	(Bottom
	&) (Mid-	&	(Mid-	e &) (Mid-	e &) (Mid-
	Middle)	Ebb)	Middle)	Ebb)	Middle)	Flood)	Middle)	Flood)
	(Mid-		(Mid-		(Mid-		(Mid-	
	Ebb)		Ebb)		Flood)		Flood)	
2/7/2025								
4/7/2025								
7/7/2025								
9/7/2025								
11/7/2025								
14/7/2025								
16/7/2025								
18/7/2025								
21/7/2025								
23/7/2025								
25/7/2025								
28/7/2025								
30/7/2025								
No. of								
results								
triggering	1	7	5	7	1	7	6	7
Action								
Level								

Date	WM-1 DO (Surface & Middle) (Mid- Ebb)	WM-1 DO (Bottom) (Mid- Ebb)	WM-2 DO (Surface & Middle) (Mid- Ebb)	WM-2 DO (Bottom) (Mid- Ebb)	WM-1 DO (Surfac e & Middle) (Mid- Flood)	WM-1 DO (Bottom) (Mid- Flood)		WM-2 DO (Surfac e & Middle) (Mid- Flood)	WM-2 DO (Bottom) (Mid- Flood)
No. of results triggering Limit Level	0	0	0	0	0	0		0	0
Legend:	Legend:								
	The monitoring results were within the corresponding Action and Limit Levels								
	Monitoring result triggered the Action Level								
			ered the Limit						
	Water sam	pling cancel	led due to incl	ement weather	r				

5.3.1.4 All Suspended Solids (SS) monitoring results triggering the corresponding Limit Level during this reporting period. In accordance with Event and Action Plan stipulated in the Manual, IEC and the Contractor were informed when the corresponding Action or Limit Levels were triggered. Table 5.5 presents the summary of the SS compliance status at WM-1 and WM-2 stations during mid-ebb and mid-flood for the reporting period. Seasonal fluctuation may be the cause of non-compliance on 11, 14, 16, 23 and 28 July 2025. Heavy rainfall may be the cause of non-compliance on 9, 18 and 25 July 2025. In addition, algal blooming was observed during water sampling on 2, 4, 7 and 30 July 2025. All exceedances were not related to the Project as no marine construction works being carried out according to the Environmental Permit (EP) Condition 2.38. In addition, no marine construction works were observed by the Environmental Team during weekly site inspections and marine water samplings throughout the reporting period. Photo records during water sampling days are presented in Appendix 5.3. In the meantime, the Contractor was reminded to implement and maintain all mitigation measures during weekly site inspection. Bund wall has been constructed along the seawall by the Contractor for extra protection of water quality.

Table 5.5 - Summary of SS Compliance Status

	WM-1	WM-2	WM-1	WM-2
Date	SS (depth-averaged) (Mid-Ebb)	SS (depth-averaged) (Mid-Ebb)	SS (depth-averaged) (Mid-Flood)	SS (depth-averaged) (Mid-Flood)
2/7/2025				
4/7/2025				
7/7/2025				
9/7/2025				
11/7/2025				
14/7/2025				
16/7/2025				
18/7/2025				
21/7/2025				
23/7/2025				
25/7/2025				
28/7/2025				
30/7/2025				
No. of results triggering Action Level	0	0	0	0

	WM-1	WM-2	WM-1	WM-2				
Date	SS (depth-averaged)	SS (depth-averaged)	SS (depth-averaged)	SS (depth-averaged)				
	(Mid-Ebb)	(Mid-Ebb)	(Mid-Flood)	(Mid-Flood)				
No. of results								
triggering Limit	12	12	12	12				
Level								
Legend:	Legend:							
	The monitoring results were within the corresponding Action and Limit Levels							
	Monitoring result triggered the Action Level							
	Monitoring result triggered the Limit Level							
	Water sampling cancelled due to inclement weather							

5.3.1.5. The number of turbidity monitoring results triggering the corresponding Action Level during this reporting period was 11. All turbidity monitoring results were within the corresponding Limit Levels at all monitoring stations throughout the reporting period. **Table 5.6** presents the summary of the turbidity compliance status at WM-1 and WM-2 stations during mid-ebb and mid-flood for the reporting period. Seasonal fluctuation may be the cause of non-compliance on 14, 16 and 23 July 2025. Heavy rainfall may be the cause of non-compliance on 18 July 2025. In addition, algal blooming was observed during water sampling on 2 and 7 July 2025. Photo records during water sampling days are presented in **Appendix 5.3**.

Table 5.6 - Summary of Turbidity Compliance Status

	WM-1	WM-2	WM-1	WM-2			
Date	Turbidity (depth-averaged) (Mid-Ebb)	Turbidity (depth-averaged) (Mid-Ebb)	Turbidity (depth-averaged) (Mid-Flood)	Turbidity (depth-averaged) (Mid-Flood)			
2/7/2025				(" " " " " " " " " " " " " " " " " " "			
4/7/2025							
7/7/2025							
9/7/2025							
11/7/2025							
14/7/2025							
16/7/2025							
18/7/2025							
21/7/2025							
23/7/2025							
25/7/2025							
28/7/2025							
30/7/2025							
No. of results triggering Action Level	5	0	6	0			
No. of results triggering Limit Level	0	0	0	0			
Legend:	Legend:						
	The monitoring results were within the corresponding Action and Limit Levels						
	Monitoring result triggered the Action Level						
	Monitoring result triggered the Limit Level						
	Water sampling cancelled due to inclement weather						

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5.4 Waste Management

5.4.1 Waste Management Status

5.4.1.1. As informed by the Contractor, no waste disposal of inert Construction and Demolition (C&D) materials, C&D waste and chemical waste in the reporting period. The Contractor has been reminded to keep good record at site in order to have a clear presentation of waste disposal. In addition, the Contractor had registered for chemical waste producer.

5.5 Landfill Gas Monitoring

5.5.1 Results and Observations

5.5.1.1 Based on information given by the site Safety Officer, Landfill Gas Monitoring Result in the reporting period is summarized in **Table 5.7**.

Table 5.7 - Landfill Gas Monitoring Results

Sampling Date	Location	Parameter	Monitoring Results
		Methane	0.00% v/v
31st July 2025	Temporary Site Office	Carbon dioxide	0.10% v/v
		Oxygen	20.00%

5.5.1.2. During the reporting period, there were no excavation activities deeper than 300mm on the site, so no excavation measurements were taken. The monitoring results taken at the temporary site office were within the corresponding action levels stipulated in **Table 3.14** in the reporting period.

5.6 Ecology

5.6.1 Results and Observations

Surveys of utilization of the preserved tree groups by Collared Crow and Black Kite were conducted on 16th July 2025. Pre-roosting and roosting Collared Crows were found within the Project Site. Before roosting, Collared Crows were found gathering together on a bare ground at the northern part of the Project Site, this is considered as pre-roost activity. The maximum number of pre-roost individuals, i.e, 78, were recorded at 19:27. The Collared Crow then migrated to the south-eastern side of the Project Site as final roosting location, with a total number of 78 individuals recorded at 19:30. Information of the pre-roost and roosting location of Collared Crow is summarized in **Table 5.8**. While the vantage points for Collared Crow and Black Kite Monitoring and locations of pre-roost and roost of Collared Crow are shown in **Appendix 5.5**.

Table 5.8 - Summary of Pre-roost and Roost of Collared Crow and Black Kite

Species	Monitoring Date	Pre-roost individual (location^)	Peak Time of Pre-roost	Roost individual (location^)	Peak Time of Roost
Collared Crow	16 Jul 2025	78	19:27	78	19:30
Black Kite	16 Jul 2025	0	-	0	-

[^] Locations refer to Appendix 5.5

5.6.1.2. No pre-roosting or roosting behaviour from Black Kite was observed.

- 5.6.1.3. No other noticeable disturbance was observed at the pre-roost and roost of both Collared Crow and Black Kite during the monitoring period.
- 5.6.1.4. Site inspections as detailed in **Section 6** of this report and water quality monitoring as detailed in **Section 3.3 and Section 5.3** of this report during construction phase were carried out to monitor any malpractice leading to deterioration of water quality of the surrounding which may in turn affect marine ecology.

5.7 Fisheries

5.7.1 Results and Observations

5.7.1.1 Site inspections as detailed in **Section 6** of this report and water quality monitoring as detailed in **Section 3.3** and **Section 5.3** of this report during construction phase were carried out to monitor any malpractice leading to deterioration of water quality of the surrounding which may in turn affect the fisheries resources.

5.8 Landscape and Visual

5.8.1 Results and Observations

5.8.1.1 Site inspections as detailed in **Section 6** of this report during construction phase were carried out to monitor and audit site management to reduce visual nuisance and to protect the preserved and transplanted trees.

6. Environmental Site Inspection and Audit

- 6.1.1.1 Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the project.
- 6.1.1.2. In this reporting period, four site inspections were carried out on 4, 11, 15(with IEC representative) and 25 July 2025. Details of observations recorded during the site inspections are presented in **Table 6.1**.

Table 6.1 - Observations of Site Inspection in this Reporting Period

Environmental	Date	Observations and	Follow-up Actions
Aspect		Reminders	_
Air Quality	Nil	Nil	Nil
Noise	Nil	Nil	Nil
Water Quality	Nil	Nil	Nil
Waste Management	15/7/2025	Waste should be removed in	Waste had been removed by
		timely manner.	the Contractor.
Landfill Gas Hazards	Nil	Nil	Nil
Ecology	Nil	Nil	Nil
Fisheries	Nil	Nil	Nil
Landscape and Visual	Nil	Nil	Nil
Permit and Licences	Nil	Nil	Nil

7. Environmental Non-Compliance

7.1 Summary of Monitoring Exceedances

- 7.1.1.1 No Action and Limit Level exceedance was recorded for construction dust monitoring in this reporting period.
- 7.1.1.2 No Action and Limit Level exceedance was recorded for construction noise monitoring in this reporting period.
- 7.1.1.3 There were 41 Action Level exceedances for Dissolved Oxygen (DO), 11 Action Level exceedances for Turbidity and 48 Limit Level exceedances for Suspended Solids (SS) recorded for water quality monitoring in this reporting period. All action and limit level exceedances were not related to the Project as no marine construction activities being carried out according to the Environmental Permit (EP) Condition 2.38. In addition, no marine construction works were observed by the Environmental Team during weekly site inspections and marine water samplings throughout the reporting period.

7.2 Summary of Environmental Non-Compliance

7.2.1.1. No environmental non-compliance was recorded in this reporting period.

7.3 Summary of Environmental Complaints

- 7.3.1.1. No complaints were received in this reporting period.
- 7.3.1.2. Cumulative statistics on complaints are presented in **Appendix 7.1**.

7.4 Summary of Environmental Summon and Successful Prosecution

- 7.4.1.1. No environmental summons and successful prosecutions were recorded in this reporting month.
- 7.4.1.2. Cumulative statistics on notifications of summons and successful prosecutions are presented in **Appendix 7.1**.

8. Future Key Issues

- 8.1.1.1 The main works will be anticipated in the next reporting period are vegetation cutting, vegetation trimming, backfilling and constructing reinforced slopes.
- 8.1.1.2. The suggested mitigation measures corresponding to the main works in the next reporting period are listed as followings:
 - (a) Schedule construction works to minimize surface excavation works during the rainy seasons (April to September). Complete and vegetate all exposed earth areas as soon as possible after earthworks have been completed.
 - (b) Clean all vehicles and plant before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads.
 - (c) Water spraying every hour on exposed worksites and haul road to minimise dust impact at the nearby sensitive receivers.
 - (d) Cover or shelter any stockpile of dusty materials.
 - (e) Stockpiling area should be provided with covers and water spraying system to prevent materials from wind-blown or being washed away.
 - (f) Keep "Tree Protection Zone" to be fenced off from construction works. No materials or machinery shall be stored within the "Tree Protection Zone".
 - (g) Properly sort and contain the chemicals used during the construction, such as fuel, oil, solvents and lubricants in a designated area with secondary containment to prevent spillage and contamination of the nearby water environment.
 - (h) Maintain the existing coastline without any alteration.
- 8.1.1.3. The monitoring schedule of next reporting period is presented in **Appendix 8.1**.

9. Conclusion and Recommendations

9.1.1.1. This 10th Monthly EM&A Report for the Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan has summarized the monitoring results and audit fundings of the EM&A programme under the issued Environmental Permit FEP-01/571/2019/A and in accordance with the EM&A Manual during the reporting period from 1st July 2025 to 31st July 2025.

The key construction activities carried out in the reporting period included vegetation cutting, vegetation trimming, excavation, backfilling and constructing reinforced slopes.

- 9.1.1.2. All the monitoring and audit works for construction dust, construction noise, water quality, waste, landfill gas, ecology, fisheries, landscape and visual were conducted during the reporting period in accordance with the EM&A Manual.
- 9.1.1.3. Monitoring results of construction dust, construction noise and landfill gas did not trigger the corresponding Action and Limit Levels during the reporting period. No other noticeable disturbance was observed at the pre-roost and roost of both Collared Crow and Black Kite during the monitoring period.
- 9.1.1.4. There were 41 Action Level exceedances for Dissolved Oxygen (DO), 11 Action Level exceedances for Turbidity and 48 Limit Level exceedances for Suspended Solids (SS) recorded for water quality monitoring in this reporting period. All action and limit level exceedances were not related to the Project as no marine construction activities being carried out according to the Environmental Permit (EP) Condition 2.38. In addition, no marine construction works were observed by the Environmental Team during weekly site inspections and marine water samplings throughout the reporting period.
- 9.1.1.5. Weekly site inspections of the construction works were carried out by the Environmental Team to audit the implementation of proper environmental pollution control and mitigation measures for the Project. Regular site inspections were also conducted by the IEC. Site inspection findings were recorded in the site inspection checklists and provided to the Contractor to follow up.

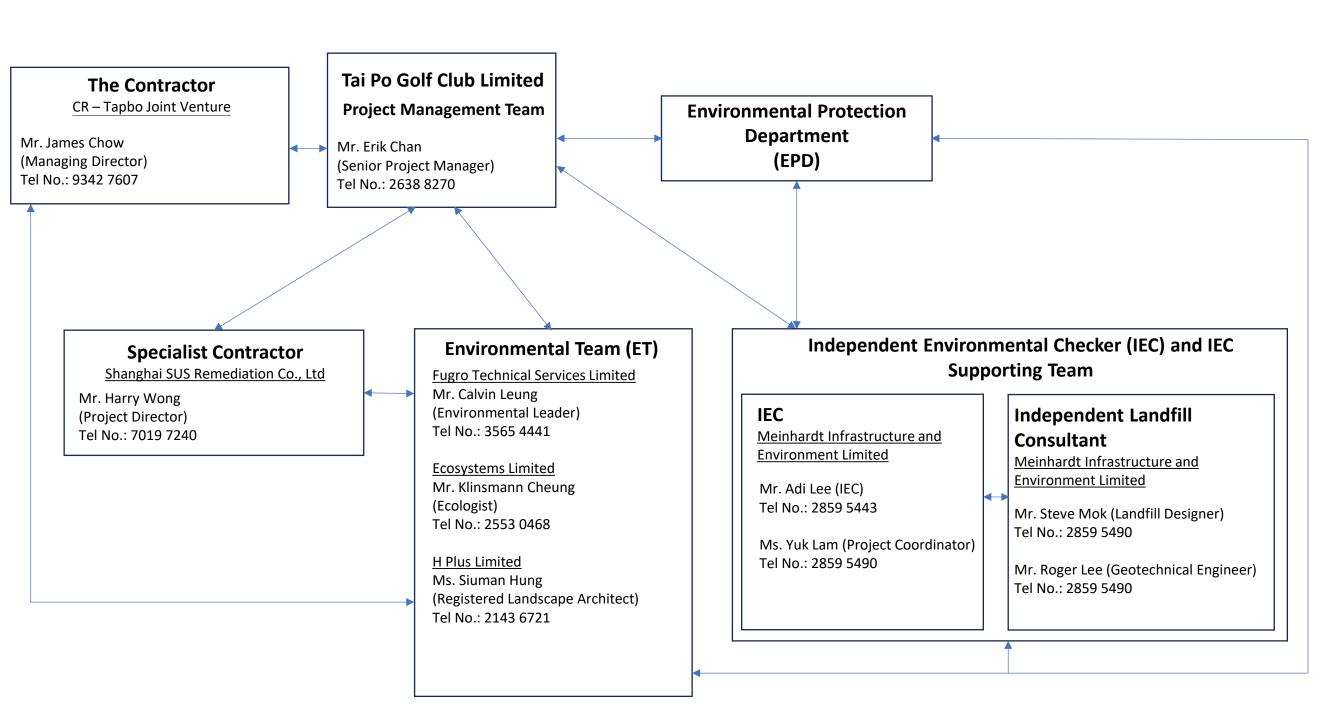
Appendix 1.1

Figure 1 in FEP-571/2019/A



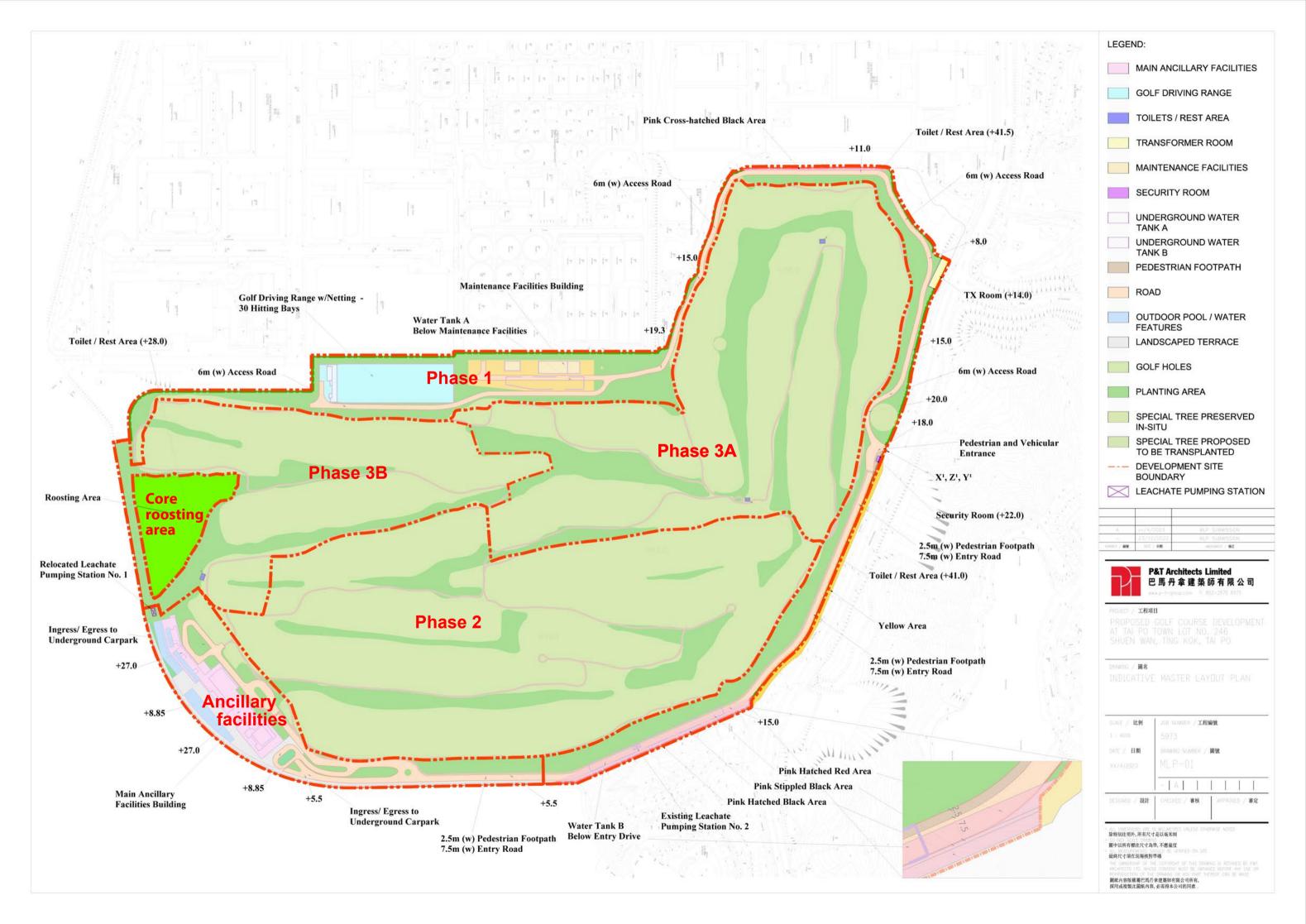
Appendix 2.1

Project Organization Chart



Appendix 2.2

Construction Phasing Plan



Appendix 2.3

Construction Programme

	Name	Assigned to	Start	Finish	% Complete	Jun 2024	Dec 202	4 Jun 2025	Nov 2025	May 2026	Oct 2026
1	Project Duration and Key Dates		8/23/2024	3/16/2027	0	_					
2	Receive LOA to proceed and sign contract		8/23/2024	8/24/2024	0	L					
3	Site Possession		8/23/2024	8/24/2024	0						
4	EPD Permit		10/14/2024	10/14/2024	0		I				
5	Phase 1 (month 1 ~ 18)		8/23/2024	2/14/2026	0						
6	Phase 2 (month 19 ~ 24)		2/14/2026	8/18/2026	0						
7	Phase 3 (month 25 ~ 30)		8/18/2026	3/16/2027	0						
8	Completion of Works		3/16/2027	3/16/2027	0						
9	Contractual / Commercial / Administration Matters		8/23/2024	9/16/2024	0	-	•				
10	JV Agreement and Proposal of Task Allocation		8/23/2024	8/29/2024	0						
11	JV Board Meeting #1		9/16/2024	9/16/2024	0		I				
12	Purchasing System		8/23/2024	8/23/2024	0						
13	Establish Correspondence Filing and Distribution System		8/23/2024	8/23/2024	0						
14	Petty Cash		8/23/2024	8/23/2024	0						
15	Insurance Submission to Client		8/24/2024	9/23/2024	0	-					
16	Submit Insurance Cover Notes				0						
17	Submit PGC (CR) to Client subsitute surety bond		8/24/2024	8/26/2024	0						
18	Submit Insurance Policy (ECI / CAR)		9/23/2024	9/23/2024	0		\rightarrow				
19	Submission to Various Government Departments for Commencement of Works		8/29/2024	10/14/2024	0	→					
20	EPD Submission		8/29/2024	10/14/2024	0	-					
21	Notification to EPD		8/29/2024	8/29/2024	0						
22	Application of water discharge licence				0						
23	Registration of chemical waste producer		8/29/2024	8/29/2024	0	I					
24	EPD Permit Allow Commencement of Works		10/14/2024	10/14/2024	0		1				
25	BD Submission		8/29/2024	10/2/2024	0	-					

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	Name	Apr 2027	Sep 2027	Mar 2028	Aug 2028	Feb 2029	Jul 2029
1	Project Duration and Key Dates						
2	Receive LOA to proceed and sign contract						
3	Site Possession						
4	EPD Permit						
5	Phase 1 (month 1 ~ 18)						
6	Phase 2 (month 19 ~ 24)						
7	Phase 3 (month 25 ~ 30)]					
8	Completion of Works						
9	Contractual / Commercial / Administration Matters						
10	JV Agreement and Proposal of Task Allocation						
11	JV Board Meeting #1						
12	Purchasing System						
13	Establish Correspondence Filing and Distribution System						
14	Petty Cash						
15	Insurance Submission to Client						
16	Submit Insurance Cover Notes						
17	Submit PGC (CR) to Client subsitute surety bond						
18	Submit Insurance Policy (ECI / CAR)						
	Submission to Various Government Departments for Commencement of Works						
20	EPD Submission						
21	Notification to EPD						
22	Application of water discharge licence						
23	Registration of chemical waste producer						
24	EPD Permit Allow Commencement of Works						
25	BD Submission						

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Assigned to	Start	Finish	% Complete Jun 2	2024	Dec 2024	Jun 2025	Nov 2025	May 2026	Oct 2026
	8/29/2024	8/31/2024	0	1					
	8/29/2024	9/25/2024	0	—					
	9/26/2024	10/2/2024	0	4					
	8/29/2024	9/27/2024	0	4					
	8/29/2024	9/4/2024	0	→0					
	8/29/2024	9/11/2024	0	→0					
	8/29/2024	9/11/2024	0	→ □					
	8/29/2024	9/27/2024	0	→					
	8/29/2024	9/27/2024	0	→					
	8/23/2024	11/17/2024	0						
	8/24/2024	10/1/2024	0	-					
	8/23/2024	9/1/2024	0	0					
	8/24/2024	10/23/2024	0	—					
	8/23/2024	9/30/2024	0						
	9/1/2024	10/4/2024	0						
	8/23/2024	9/30/2024	0						
	10/4/2024	11/3/2024	0)				
	11/3/2024	11/17/2024	0						
	8/23/2024	9/5/2024	0	-					
	8/23/2024	8/23/2024	0	\Diamond					
	8/23/2024	9/5/2024	0						
	9/2/2024	9/26/2024	0	+					
	9/2/2024	9/3/2024	0	 					
	9/2/2024	9/3/2024	0	1					
	9/2/2024	9/6/2024	0						
		8/29/2024 8/29/2024 8/29/2024 8/29/2024 8/29/2024 8/29/2024 8/29/2024 8/29/2024 8/29/2024 8/29/2024 8/23/2024 8/23/2024 8/23/2024 8/23/2024 10/4/2024 11/3/2024 8/23/2024 8/23/2024 9/2/2024 8/23/2024	8/29/2024 8/31/2024 8/29/2024 9/25/2024 9/26/2024 10/2/2024 8/29/2024 9/27/2024 8/29/2024 9/11/2024 8/29/2024 9/11/2024 8/29/2024 9/11/2024 8/29/2024 9/27/2024 8/29/2024 9/27/2024 8/29/2024 9/27/2024 8/29/2024 9/27/2024 8/23/2024 11/17/2024 8/23/2024 10/1/2024 8/23/2024 9/30/2024 8/23/2024 9/30/2024 9/1/2024 10/4/2024 8/23/2024 11/3/2024 8/23/2024 9/30/2024 11/3/2024 11/3/2024 8/23/2024 9/5/2024 8/23/2024 9/5/2024 8/23/2024 9/5/2024 8/23/2024 9/5/2024 8/23/2024 9/5/2024 8/23/2024 9/5/2024 8/23/2024 9/5/2024	8/29/2024 8/31/2024 0 8/29/2024 9/25/2024 0 9/26/2024 10/2/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/4/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/23/2024 11/17/2024 0 8/23/2024 10/1/2024 0 8/23/2024 10/1/2024 0 8/23/2024 9/1/2024 0 8/23/2024 10/1/2024 0 8/23/2024 10/4/2024 0 8/23/2024 10/4/2024 0 8/23/2024 10/4/2024 0 8/23/2024 9/30/2024 0 11/3/2024 11/3/2024 0 11/3/2024 11/3/2024 0 8/23/2024 9/30/2024 0 11/3/2024 11/17/2024 0 8/23/2024 9/30/2024 0 9/2/2024 9/5/2024 0 9/2/2024 9/5/2024 0 9/2/2024 9/5/2024 0 9/2/2024 9/3/2024 0	8/29/2024 8/31/2024 0 8/29/2024 9/25/2024 0 9/26/2024 10/2/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/4/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 10/1/2024 0 8/23/2024 10/1/2024 0 8/23/2024 10/1/2024 0 8/23/2024 9/30/2024 0 8/23/2024 9/30/2024 0 9/1/2024 10/4/2024 0 8/23/2024 9/30/2024 0 9/1/2024 11/3/2024 0 8/23/2024 9/30/2024 0 9/1/2024 11/3/2024 0 8/23/2024 9/30/2024 0 9/2/2024 9/5/2024 0 9/2/2024 9/5/2024 0 9/2/2024 9/26/2024 0 9/2/2024 9/26/2024 0 9/2/2024 9/3/2024 0 9/2/2024 9/3/2024 0	8/29/2024 8/31/2024 0 8/29/2024 9/25/2024 0 9/26/2024 10/2/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/4/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/23/2024 11/17/2024 0 8/23/2024 11/17/2024 0 8/23/2024 10/1/2024 0 8/23/2024 9/1/2024 0 8/23/2024 10/23/2024 0 8/23/2024 9/30/2024 0 9/1/2024 10/4/2024 0 8/23/2024 9/30/2024 0 11/3/2024 11/17/2024 0 8/23/2024 9/30/2024 0 9/1/2024 11/3/2024 0 11/3/2024 11/17/2024 0 8/23/2024 9/5/2024 0 9/2/2024 9/5/2024 0 9/2/2024 9/5/2024 0 9/2/2024 9/3/2024 0 9/2/2024 9/3/2024 0	8/29/2024 8/31/2024 0 8/29/2024 9/25/2024 0 9/26/2024 10/2/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 11/17/2024 0 8/23/2024 10/1/2024 0 8/23/2024 10/1/2024 0 8/23/2024 10/23/2024 0 8/23/2024 10/23/2024 0 8/23/2024 9/30/2024 0 9/1/2024 10/4/2024 0 8/23/2024 9/30/2024 0 8/23/2024 9/30/2024 0 8/23/2024 9/30/2024 0 8/23/2024 9/5/2024 0 8/23/2024 9/5/2024 0 8/23/2024 9/5/2024 0 8/23/2024 9/5/2024 0 9/2/2024 9/5/2024 0 9/2/2024 9/3/2024 0	8/29/2024 8/31/2024 0 8/29/2024 9/25/2024 0 9/26/2024 10/2/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/4/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 11/17/2024 0 8/23/2024 11/17/2024 0 8/23/2024 11/17/2024 0 8/23/2024 9/11/2024 0 8/23/2024 9/11/2024 0 8/23/2024 9/11/2024 0 8/23/2024 11/17/2024 0 8/23/2024 9/30/2024 0 9/11/2024 10/4/2024 0 8/23/2024 9/30/2024 0 9/11/2024 11/17/2024 0 8/23/2024 9/30/2024 0 9/11/2024 11/17/2024 0 8/23/2024 9/30/2024 0 9/11/2024 11/17/2024 0 8/23/2024 9/30/2024 0 9/11/2024 11/17/2024 0 9/21/2024 9/30/2024 0 9/21/2024 9/30/2024 0 9/21/2024 9/30/2024 0 9/21/2024 9/30/2024 0 9/21/2024 9/30/2024 0 9/21/2024 9/30/2024 0	8/29/2024 9/25/2024 0 8/29/2024 10/2/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/11/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 11/11/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/27/2024 0 8/29/2024 9/30/2024 0 8/29/2024 9/30/2024 0 9/1/2024 11/3/2024 0 8/29/2024 9/30/2024 0 9/1/2024 11/3/2024 0 8/29/2024 9/30/2024 0 9/1/2024 11/3/2024 0 8/29/2024 9/30/2024 0 9/1/2024 11/3/2024 0 8/29/2024 9/30/2024 0 8/29/2024 9/30/2024 0 8/29/2024 9/30/2024 0 8/29/2024 9/30/2024 0 8/29/2024 9/30/2024 0 8/29/2024 9/30/2024 0 8/29/2024 9/30/2024 0 8/29/2024 9/30/2024 0

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	Name	Apr 2027	Sep 2027	Mar 2028	Aug 2028	Feb 2029	Jul 2029
26	Site Supervision Plan						
27	Form BA8 Consent Submission						
28	Form BA10 Commencement Submission						
29	Other Departments or Authority						
30	Labour Department (Form LD202)						
31	Construction Industry Council (Form 1) 0.53%						
32	Pneumoconiosis Compensation Fund 0.15%						
33	WSD - Apply temporary water						
34	CLP - Apply temporary power						
35	Mobilizing on Site						
36	Install temporary lighting and power						
37	Setup Temporary Latrines						
38	Hire Water Tanker						
39	Clearing away rubbish during the progress of work						
40	Main Contractor Workshop, Office and Storage						
41	On-site Transportation						
42	Set up staff welfare facilities (microwave / fan / air con)						
43	Prepare visitor PPE						
44	Site Security						
45	Appointment of Security Company						
46	Setup Guardhouse						
47	Hoarding Erection						
48	Notice CLP						
49	Notice Telecom						
50	Site Clearing						

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	Name	Assigned to	Start	Finish	% Complete	Jun 2024	4	Dec 2024	Jun 2025	Nov 2025	May 2026	Oct 2026
51	Erect Hoarding		9/7/2024	9/26/2024	0	<u></u>	•					
52	Temporary Stockpiling Platform at +30mPD		8/23/2024	3/10/2025	0	-						
53	Forming temporary pheripheral drainage		8/23/2024	3/10/2025	0							
54	Site Survey		8/25/2024	9/8/2024	0	_	-					
55	Appointment of Surveyor		8/25/2024	9/7/2024	0							
56	LiDAR Survey		9/7/2024	9/8/2024	0		1					
57	Monthly Site Survey Services				0							
58	Tree Felling and Transplantation		7/8/2024	11/20/2024	0			-				
59	Appointment of Tree Consultant		8/25/2024	9/7/2024	0		4					
60	Review Tree Felling Application (TRA)		9/8/2024	9/21/2024	0	9	*					
61	Receive Tree felling permit (within 60 days)		9/22/2024	11/20/2024	0							
62	Review Tree Preservation Plan		7/8/2024	7/28/2024	0							
63	Environmental		8/23/2024	9/23/2024	0	_						
64	Appointment of Environmental Consultant		8/23/2024	9/1/2024	0	0						
65	WetSep Design and Calculation		9/6/2024	9/20/2024	0	4	1					
66	Obtain final quotation of WetSep		9/21/2024	9/23/2024	0		-					
67	Wheel Washing Facility		8/26/2024	9/24/2024	0	-	-					
68	Temporary Wheel Washing System		8/26/2024	8/30/2024	0	0)					
69	Newly Built Wheel Washing Basin		8/26/2024	9/24/2024	0							
70	Slope Work Subcontract		9/6/2024	9/27/2024	0		+					
71	Appointment of Subcontractor (Backfilling Material Mix)		9/6/2024	9/6/2024	0		I					
72	Purchasing of G&E Tensar Geogrid		9/27/2024	9/27/2024	0		I					
73	Phase 1 Construction (month 1 ~ 18)		10/14/2024	2/13/2026	0		—					
74	Construction Reinforced Fill Slope (Type A) (~80m)		10/14/2024	12/14/2024	0			_				
75	Preparing Selected Fill Material		10/14/2024	10/27/2024	0		_					

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	Name	Apr 2027	Sep 2027	Mar 2028	Aug 2028	Feb 2029	Jul 2029
51	Erect Hoarding						
52	Temporary Stockpiling Platform at +30mPD						
53	Forming temporary pheripheral drainage						
54	Site Survey						
55	Appointment of Surveyor						
56	LiDAR Survey						
57	Monthly Site Survey Services						
58	Tree Felling and Transplantation						
59	Appointment of Tree Consultant						
60	Review Tree Felling Application (TRA)						
61	Receive Tree felling permit (within 60 days)						
62	Review Tree Preservation Plan						
63	Environmental						
64	Appointment of Environmental Consultant						
65	WetSep Design and Calculation						
66	Obtain final quotation of WetSep						
67	Wheel Washing Facility						
68	Temporary Wheel Washing System						
69	Newly Built Wheel Washing Basin						
70	Slope Work Subcontract						
71	Appointment of Subcontractor (Backfilling Material Mix)						
72	Purchasing of G&E Tensar Geogrid						
73	Phase 1 Construction (month 1 ~ 18)						
74	Construction Reinforced Fill Slope (Type A) (~80m)						
75	Preparing Selected Fill Material						

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N	ame	Assigned to	Start	Finish	% Complete Jun 2024		Dec 2024	Jun 2025	Nov 2025	May 2026	Oct 2026
76	Preparing Wall Base Level		10/14/2024	10/20/2024	0	→ 1					
77	Concreting 500mm 20D/20 Concrete Binding		10/21/2024	10/24/2024	0	Jb.					
78	Forming Backing of Slope		10/25/2024	11/7/2024	0						
79	Constructing 500mm Drainage Filter Layer		11/8/2024	11/14/2024	0	I)				
80	Installing Sand Bag and Tensar Georid		11/15/2024	12/14/2024	0	9					
81	Construction Reinforced Fill Slope (Type B) (~530m)		12/23/2024	6/15/2025	0						
82	Preparing Selected Fill Material		12/23/2024	12/29/2024	0		_1				
83	Preparing Wall Base Level		12/23/2024	1/5/2025	0		1				
84	Concreting 500mm 20D/20 Concrete Binding		1/6/2025	1/12/2025	0						
85	Forming Backing of Slope		1/13/2025	2/2/2025	0						
86	Constructing 500mm Drainage Filter Layer		2/3/2025	2/23/2025	0						
87	Installing Sand Bag and Tensar Georid		3/8/2025	6/15/2025	0		—				
88	Construction Reinforced Fill Slope (Type C) (~160m)		12/6/2025	1/21/2026	0						
89	Preparing Selected Fill Material		12/6/2025	12/8/2025	0						
90	Preparing Wall Base Level		12/6/2025	12/12/2025	0						
91	Concreting 500mm 20D/20 Concrete Binding		12/13/2025	12/15/2025	0				5		
92	Forming Backing of Slope		12/16/2025	12/19/2025	0						
93	Constructing 500mm Drainage Filter Layer		12/20/2025	12/22/2025	0						
94	Installing Sand Bag and Tensar Georid		12/23/2025	1/21/2026	0						
95	Construction Reinforced Fill Slope (Type D) (~450m)		3/21/2025	9/9/2025	0						
96	Preparing Selected Fill Material		3/21/2025	4/3/2025	0		_0				
97	Preparing Wall Base Level		4/8/2025	4/23/2025	0						
98	Concreting 500mm 20D/20 Concrete Binding		4/24/2025	5/14/2025	0			Ь			
99	Forming Backing of Slope		5/15/2025	6/4/2025	0			1			
100	Constructing 500mm Drainage Filter Layer		6/5/2025	6/14/2025	0			90			
											-

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N	ame	Apr 2027	Sep 2027	Mar 2028	Aug 2028	Feb 2029	Jul 2029
76	Preparing Wall Base Level						
77	Concreting 500mm 20D/20 Concrete Binding						
78	Forming Backing of Slope						
79	Constructing 500mm Drainage Filter Layer						
80	Installing Sand Bag and Tensar Georid						
81	Construction Reinforced Fill Slope (Type B) (~530m)						
82	Preparing Selected Fill Material						
83	Preparing Wall Base Level						
84	Concreting 500mm 20D/20 Concrete Binding						
85	Forming Backing of Slope						
86	Constructing 500mm Drainage Filter Layer						
87	Installing Sand Bag and Tensar Georid						
88	Construction Reinforced Fill Slope (Type C) (~160m)						
89	Preparing Selected Fill Material						
90	Preparing Wall Base Level						
91	Concreting 500mm 20D/20 Concrete Binding						
92	Forming Backing of Slope						
93	Constructing 500mm Drainage Filter Layer						
94	Installing Sand Bag and Tensar Georid						
95	Construction Reinforced Fill Slope (Type D) (~450m)						
96	Preparing Selected Fill Material						
97	Preparing Wall Base Level						
98	Concreting 500mm 20D/20 Concrete Binding						
99	Forming Backing of Slope						
100	Constructing 500mm Drainage Filter Layer						

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	Name	Assigned to	Start	Finish	% Complete J	un 2024	Dec 2024	Jun 2025		Nov 2025	May 2026	Oct 2026
101	Installing Sand Bag and Tensar Georid		6/17/2025	9/9/2025	0							
102	Construction Reinforced Fill Slope (Type E) (~160m)		9/26/2025	12/17/2025	0				_			
103	Preparing Selected Fill Material		9/26/2025	10/2/2025	0				_0			
104	Preparing Wall Base Level		9/26/2025	10/2/2025	0				1			
105	Concreting 500mm 20D/20 Concrete Binding		10/3/2025	10/5/2025	0				J			
106	Forming Backing of Slope		10/6/2025	10/15/2025	0							
107	Constructing 500mm Drainage Filter Layer		10/16/2025	10/18/2025	0				15			
108	Installing Sand Bag and Tensar Georid		10/19/2025	12/17/2025	0							
109	Construction Reinforced Fill Slope (Type F) (~280m)		11/19/2025	2/13/2026	0							
110	Preparing Selected Fill Material		11/19/2025	11/25/2025	0					0		
111	Preparing Wall Base Level		11/19/2025	11/25/2025	0					<u>L</u>		
112	Concreting 500mm 20D/20 Concrete Binding		11/26/2025	11/28/2025	0					*		
113	Forming Backing of Slope		11/29/2025	12/8/2025	0					1		
114	Constructing 500mm Drainage Filter Layer		12/9/2025	12/15/2025	0					1		
115	Installing Sand Bag and Tensar Georid		12/16/2025	2/13/2026	0							
116	Backfill to final site formation level (244,000 m3)		10/14/2024	9/28/2025	0							
117	Tree felling within Phase 1		10/14/2024	1/21/2025	0							
118	Tree transplant within Phase 1		10/14/2024	4/11/2025	0							
119	Phase 2 Construction (month 19 ~ 24)		2/15/2026	8/18/2026	0							
120	Backfill to final site formation level (289,300 m3)		2/15/2026	8/18/2026	0							
121	Tree felling within Phase 2		2/15/2026	2/15/2026	0					I		
122	Tree transplant within Phase 2				0							
123	Phase 3 Construction (month 25 ~ 30)		8/18/2026	3/16/2027	0						_	
124	Backfill to final site formation level (370,700 m3)		8/18/2026	3/16/2027	0							
125	Tree felling within Phase 3				0							

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Name	Apr 2027	Sep 2027	Mar 2028	Aug 2028	Feb 2029	Jul 2029
101 Installing Sand Bag and Tensar Georid						
102 Construction Reinforced Fill Slope (Type E) (~160m)						
103 Preparing Selected Fill Material						
104 Preparing Wall Base Level						
105 Concreting 500mm 20D/20 Concrete Binding						
106 Forming Backing of Slope						
107 Constructing 500mm Drainage Filter Layer						
108 Installing Sand Bag and Tensar Georid						
109 Construction Reinforced Fill Slope (Type F) (~280m)						
110 Preparing Selected Fill Material						
111 Preparing Wall Base Level						
112 Concreting 500mm 20D/20 Concrete Binding						
113 Forming Backing of Slope						
114 Constructing 500mm Drainage Filter Layer						
115 Installing Sand Bag and Tensar Georid						
116 Backfill to final site formation level (244,000 m3)						
117 Tree felling within Phase 1						
118 Tree transplant within Phase 1						
119 Phase 2 Construction (month 19 ~ 24)						
120 Backfill to final site formation level (289,300 m3)						
121 Tree felling within Phase 2						
122 Tree transplant within Phase 2						
123 Phase 3 Construction (month 25 ~ 30)						
124 Backfill to final site formation level (370,700 m3)						
125 Tree felling within Phase 3						

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	Name	Assigned to	Start	Finish	% Complete J	un 2024	Dec 2024	Jun 2025		Nov 2025	May 2026	Oct 2026
126	Tree transplant within Phase 3				0							
127	Permenant Drainage		9/16/2024	1/4/2026	0	-						
128	Appointment of Domestic Subcontractor □		9/16/2024	9/16/2024	0	I						
129	Construction of permenant drain for RE Wall (Type A) (~80m)		10/13/2024	11/1/2024	0							
130	Construction of permenant drain for RE Wall (Type B) (~530m)		12/23/2024	2/20/2025	0		+					
131	Construction of permenant drain for RE Wall (Type C) (~160m)		12/6/2025	1/4/2026	0					—		
132	Construction of permenant drain for RE Wall (Type D) (~450m)		9/10/2025	11/8/2025	0							
133	Construction of permenant drain for RE Wall (Type E) (~160m)		9/26/2025	10/25/2025	0				+			
134	Construction of permenant drain for RE Wall (Type F) (~280m)		11/19/2025	12/18/2025	0							
135	Temporary Drainage		10/14/2024	12/19/2025	0							
136	Construction of temp drain for RE Wall (Type A) (~80m)		10/14/2024	10/27/2024	0							
137	Construction of temp drain for RE Wall (Type B) (~530m)		12/23/2024	1/21/2025	0							
138	Construction of temp drain for RE Wall (Type C) (~160m)		12/6/2025	12/19/2025	0					→		
139	Construction of temp drain for RE Wall (Type D) (~450m)		3/21/2025	4/9/2025	0							
140	Construction of temp drain for RE Wall (Type E) (~160m)		9/26/2025	10/9/2025	0				-			
141	Construction of temp drain for RE Wall (Type F) (~280m)		11/19/2025	12/2/2025	0					—		
142	Nominated Subcontractors (NSC) Access Road and Bridge		4/11/2026	3/17/2027	0							
143	Appointment of NSC - Access Road and Bridge		4/11/2026	4/11/2026	0							
144	Design of Access Road		4/12/2026	7/10/2026	0						—	
145	Design of Bridge		4/12/2026	7/10/2026	0							
146	Construction of Access Road		7/11/2026	1/26/2027	0							
147	Construction of Bridge		7/11/2026	3/17/2027	0							
148	Nominated Subcontractors (NSC) Underground Utilities		3/15/2026	3/17/2027	0							
149	Appointment of NSC - Underground Utilities		3/15/2026	3/16/2026	0						5	
150	Design of Underground Utilities		3/16/2026	6/13/2026	0					(→	

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Name	Apr 2027	Sep 2027	Mar 2028	Aug 2028	Feb 2029	Jul 2029
126 Tree transplant within Phase 3						
127 Permenant Drainage						
128 Appointment of Domestic Subcontractor						
129 Construction of permenant drain for RE Wall (Type A) (~80m)						
130 Construction of permenant drain for RE Wall (Type B) (~530m)						
131 Construction of permenant drain for RE Wall (Type C) (~160m)						
132 Construction of permenant drain for RE Wall (Type D) (~450m)						
133 Construction of permenant drain for RE Wall (Type E) (~160m)						
134 Construction of permenant drain for RE Wall (Type F) (~280m)						
135 Temporary Drainage						
136 Construction of temp drain for RE Wall (Type A) (~80m)						
137 Construction of temp drain for RE Wall (Type B) (~530m)						
138 Construction of temp drain for RE Wall (Type C) (~160m)						
139 Construction of temp drain for RE Wall (Type D) (~450m)						
140 Construction of temp drain for RE Wall (Type E) (~160m)						
141 Construction of temp drain for RE Wall (Type F) (~280m)						
142 Nominated Subcontractors (NSC) Access Road and Bridge	ı					
143 Appointment of NSC - Access Road and Bridge						
144 Design of Access Road						
145 Design of Bridge						
146 Construction of Access Road						
147 Construction of Bridge						
148 Nominated Subcontractors (NSC) Underground Utilities						
149 Appointment of NSC - Underground Utilities						
150 Design of Underground Utilities						

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	Name	Assigned to	Start	Finish	% Complete	Jun 2024	Dec 2024	Jun 2025	Nov 2025	May 2026	Oct 2026
151	Construction of Underground Utilities		6/14/2026	3/17/2027	0						
152	Nominated Subcontractors (NSC) Landscaping		3/15/2026	3/17/2027	0						
153	Appointment of NSC - Landscaping		3/15/2026	3/16/2026	0				_	5	
154	Design of Landscaping		3/16/2026	6/13/2026	0				4		
155	Construction of Landscaping		6/14/2026	3/17/2027	0						
156	Nominated Subcontractors (NSC) Modification of Existing Landfill Features		2/13/2025	2/16/2026	0		_				
157	Appointment of NSC - Modification of Existing Landfill Feature	S	2/13/2025	2/13/2025	0		L				
158	Design of Modification of Existing Landfill Features		2/15/2025	5/15/2025	0		—				
159	Construction of Modification of Existing Landfill Features		5/16/2025	2/16/2026	0						

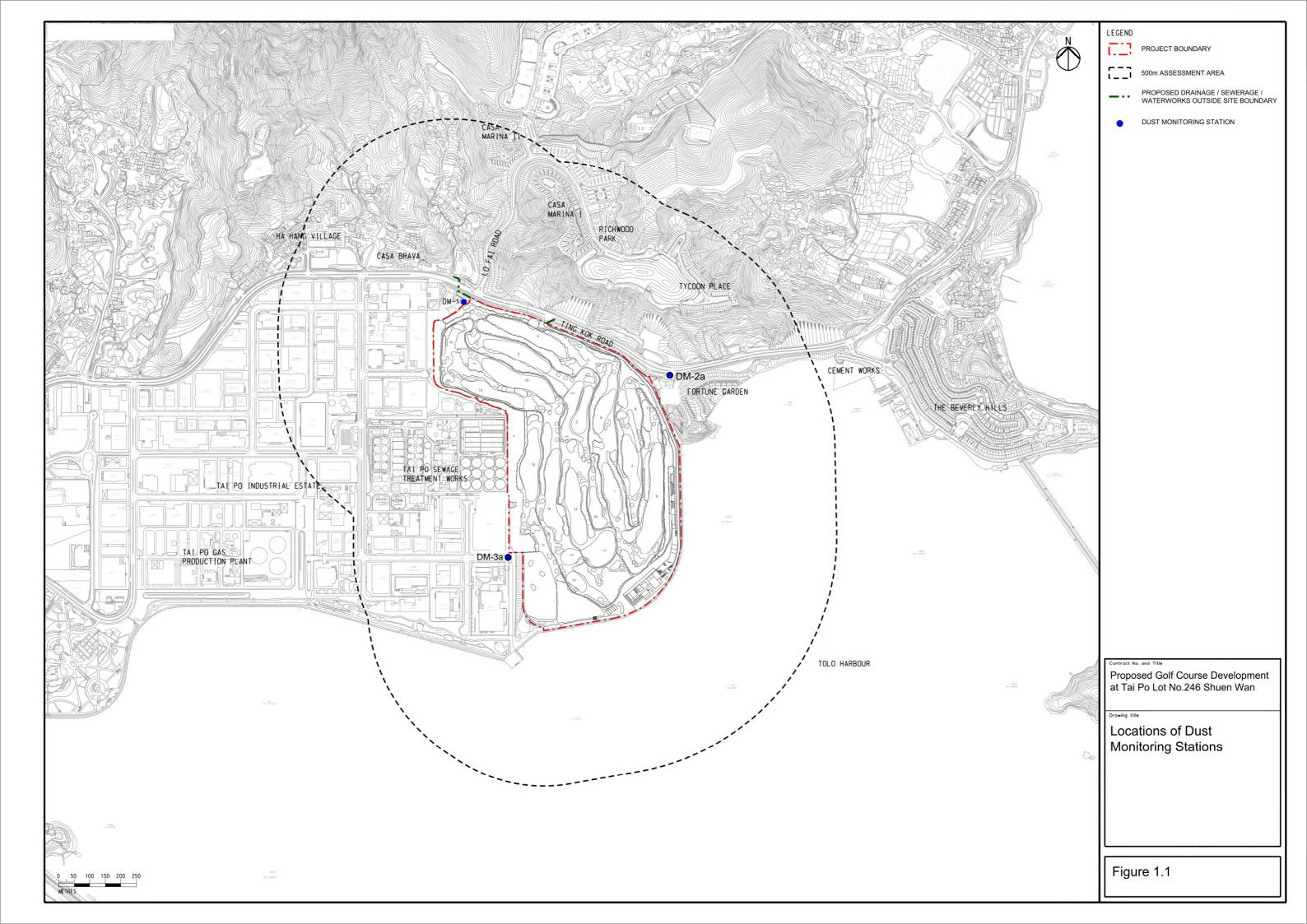
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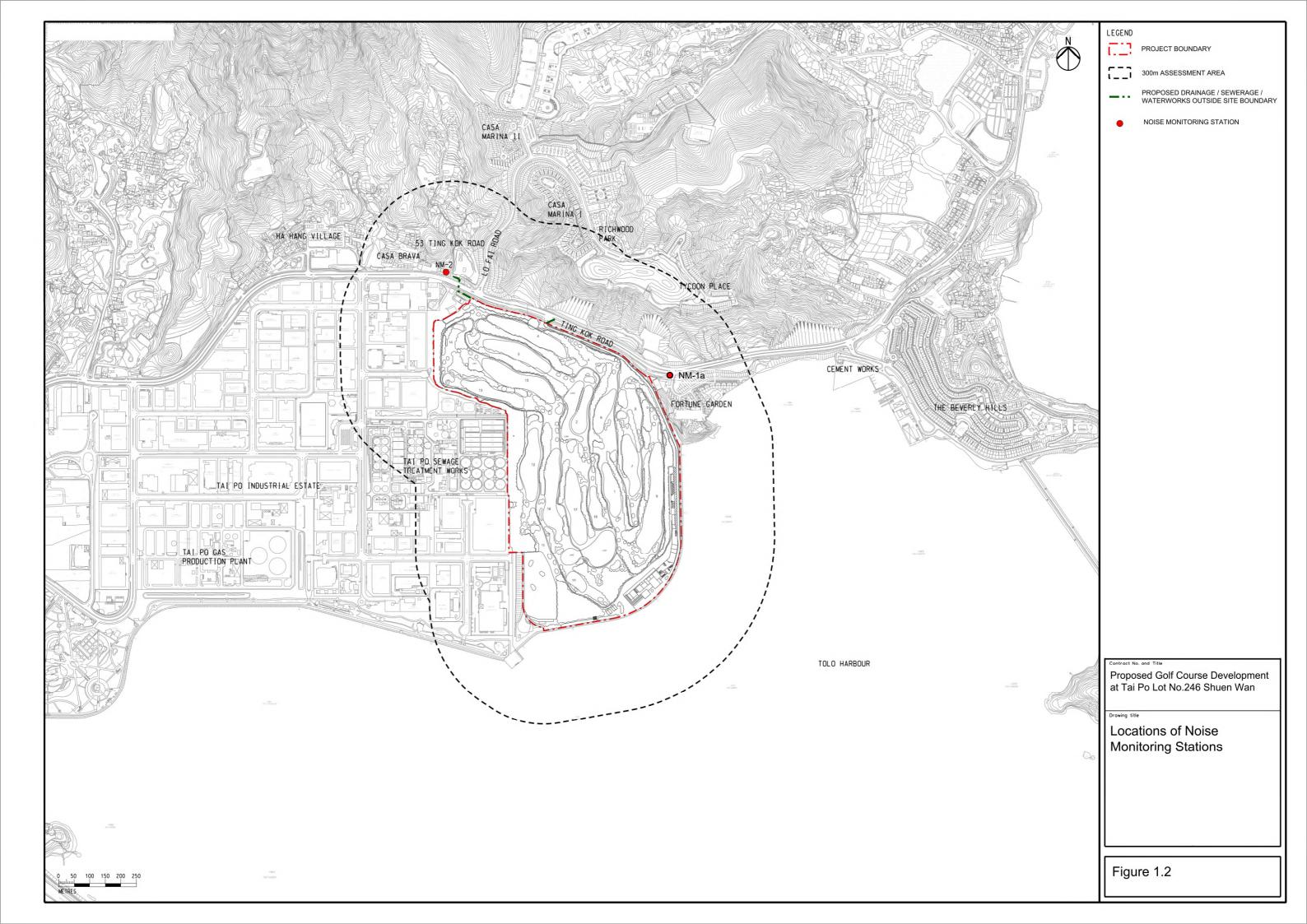
Name	Apr 2027	Sep 2027	Mar 2028	Aug 2028	Feb 2029	Jul 2029
151 Construction of Underground Utilities)					
152 Nominated Subcontractors (NSC) Landscaping	•					
153 Appointment of NSC - Landscaping						
154 Design of Landscaping						
155 Construction of Landscaping)					
Nominated Subcontractors (NSC) Modification of Existing Landfill Features						
157 Appointment of NSC - Modification of Existing Landfill Features						
158 Design of Modification of Existing Landfill Features						
159 Construction of Modification of Existing Landfill Features						

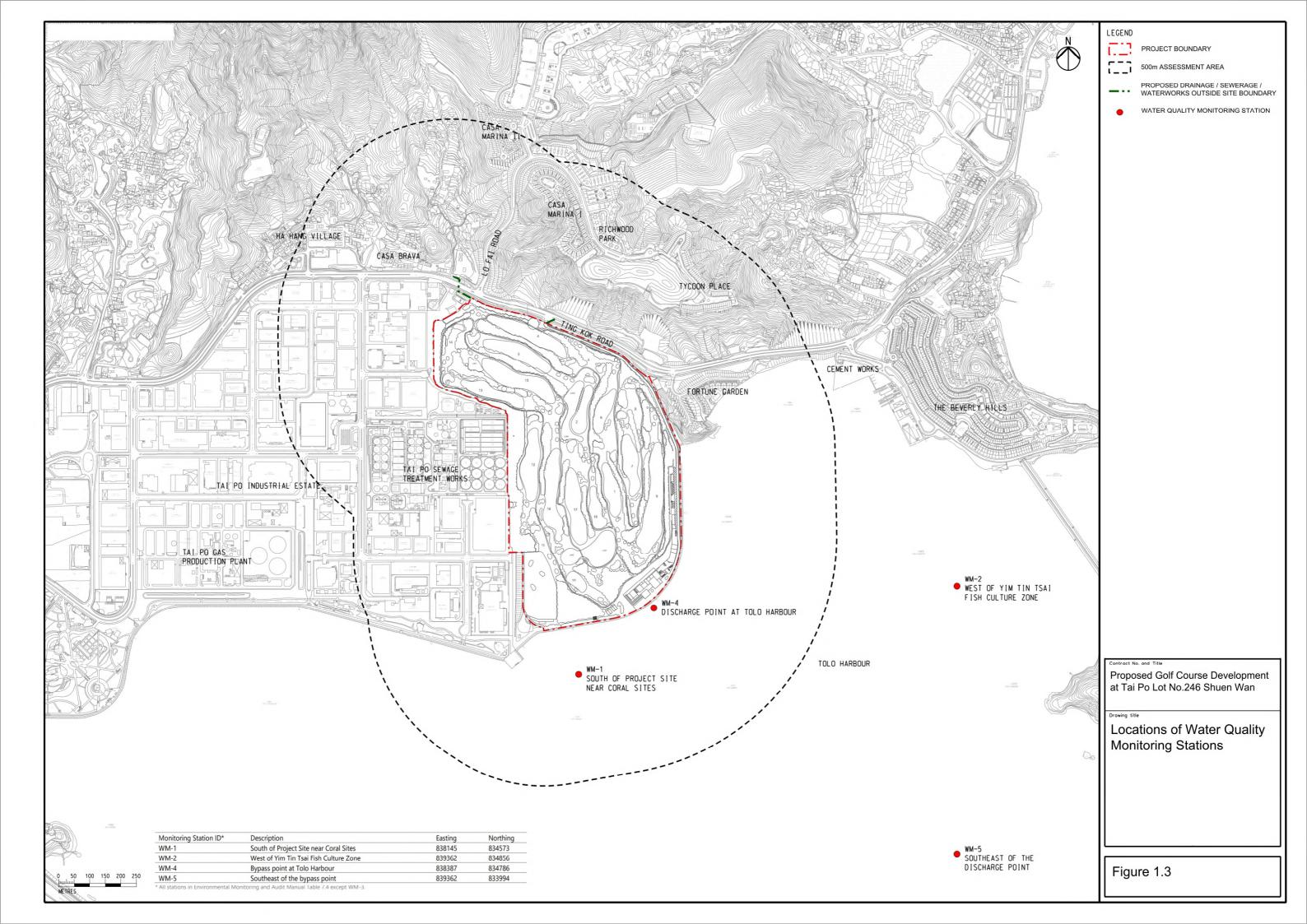
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Appendix 3.1

Monitoring Locations and Stations







Appendix 3.2

Monitoring Schedule (July 2025)



Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan CONSTRUCTION PHASE ENVIRONMENTAL MONITORING SCHEDULE

July 2025

o ary						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	01	02	03	04	05
	Air Quality Monitoring Noise Monitoring Water Quality Monitoring		Water Quality Monitoring		Water Quality Monitoring	Air Quality Monitoring
06	07	08	09	10	11	12
	Water Quality Monitoring		Water Quality Monitoring		Air Quality Monitoring Noise Monitoring Water Quality Monitoring	
13	14	15	16	17	18	19
	Water Quality Monitoring		Water Quality Monitoring	Air Quality Monitoring Noise Monitoring	Water Quality Monitoring	
20	21	22	23	24	25	26
	Water Quality Monitoring		Air Quality Monitoring Noise Monitoring Water Quality Monitoring		Water Quality Monitoring	
27	28	29	30	31	01	02
	Water Quality Monitoring	Air Quality Monitoring Noise Monitoring	Water Quality Monitoring		Water Quality Monitoring	
03	04	Notes:	tion Noise Me	nitoring Station:	Water Ovelite Manie	ina
	Air Quality Monitoring Noise Monitoring Water Quality Monitoring	Air Quality Monitoring Sta DM-1: EPD Site Office DM-2a: Near Fortune Gard DM-3a: Outside Hung Hing Schedule may change due to	NM-1a: N len Entrance NM-2: Vil	nitoring Station: fear Fortune Garden Entrance flage House at 53 Ting Kok I ferse weather, etc).		

Appendix 3.3

Event and Action Plan

Event and Action Plan for Air Quality

France	Action						
Event	ET	IEC	ER	Contractor			
Action level exceedance for one sample	1. Repeat measurement to confirm finding; 2. If exeedance is confirmed, inform Contractor, IEC and ER; 3. Identify source(s), investigate the causes of exceedance and propose remedial measures; 4. Increase monitoring frequency.	 Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET, ER and Contractor on possible remedial measures; Review and advise the ET and ER on the effectiveness of the proposed remedial measures. 	1. Confirm receipt of notification of exceedance in writing.	 Identify source(s), investigate the causes of exceedance and propose remedial measures; Implement remedial measures; Amend working methods agreed with the ER as appropriate. 			
Action level exceedance for two or more consecutive samples	1. Repeat measurement to confirm finding; 2. If exeedance is confirmed, inform Contractor, IEC and ER; 3. Identify source(s), investigate the causes of exceedance and propose remedial measures; 4. Increase monitoring frequency to daily; 5. Advise the Contractor and ER on the effectiveness of the proposed remedial measures; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and	 Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET, ER and Contractor on possible remedial measures; Review and advise the ET and ER on the effectiveness of the proposed remedial measures; Supervise Implementation of remedial measures. 	1. Confirm receipt of notification of exceedance in writing; 2. In consultation with the ET and IEC agree with the Contractor on the remedial measures to be implemented; 3. Supervise implementation of remedial measures.	 Identify source(s), investigate the causes of exceedance and propose remedial measures; Submit proposals for remedial measures to the ER, ET and IEC within three working days of notification for agreement; Implement the agreed proposals; Amend proposal if appropriate. 			



Event and Action Plan for Air Quality

_	Action							
Event	ET	IEC	ER	Contractor				
	ER to discuss the remedial measures to be taken; 8. If exceedance stops, cease additional monitoring.							
Limit level exceedance for one sample	1. Repeat measurement to confirm finding; 2. If exeedance is confirmed, inform IEC, ER, Contractor and EPD; 3. Identify source(s), investigate the causes of exceedance and propose remedial measures; 4. Increase monitoring frequency to daily; 5. Discuss with the ER, IEC and Contractor on the remedial measures and assess effectiveness.	 Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET, ER and Contractor on possible remedial measures; Review and advise the ET and ER on the effectiveness of the proposed remedial measures; Supervise implementation of remedial measures. 	1. Confirm receipt of notification of exceedance in writing; 2. Review and agree on the remedial measures proposed by the Contractor; 3. Ensure remedial measures properly implemented.	1. Identify source(s), investigate the causes of exceedance and propose remedial measures 2. Take immediate action to avoid further exceedance; 3. Submit proposals for remedial actions to ER, ET and IEC within three working days of notification for agreement; 4. Implement the agreed proposals; 5. Amend proposal if appropriate.				
Limit level exceedance for two or more consecutive samples	1. Repeat measurement to confirm finding; 2. If exeedance is confirmed, inform IEC, ER, Contractor and EPD; 3. Identify source(s), investigate the causes of exceedance and propose remedial measures;	1. Check monitoring data submitted by ET 2. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 3. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly;	1. Confirm receipt of notification of exceedance in writing; 2. In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented; 3. Supervise the implementation of remedial measures;	1. Identify source(s), investigate the causes of exceedance and propose remedial measures 2. Take immediate action to avoid further exceedance; 3. Submit proposals for remedial actions to ER, IEC and ET within three working days of notification for agreement;				



Event and Action Plan for Air Quality

Frank	Action							
Event	ET	IEC	ER	Contractor				
	4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken;	4. Supervise the implementation of remedial measures.	4. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	4. Implement the agreed proposals; 5. Review and resubmit proposals if problem still not under control; 6. Stop the relevant portion of works as determined by the ER until the exceedance is abated.				
	7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.							

Note:

ET – Environmental Team

IEC – Independent Environmental Checker

ER – Engineer's Representative



Event and Action Plan for Construction Noise

Format	Action							
Event	ET	IEC	ER	Contractor				
Action Level Exceedance	 Notify IEC, ER and Contractor; Carry out investigation; Report the results of investigation to the IEC, ER and Contractor; Discuss with the Contractor and formulate remedial measures; Increase monitoring frequency to check mitigation effectiveness. 	 Review the analysed results submitted by the ET; Review the proposed remedial measures by the Contractor and advise the ER accordingly; Supervise the implementation of remedial measures. 	 Confirm receipt of notification of failure in writing; Notify Contractor; Require Contractor to propose remedial measures for the analysed noise problem; Ensure remedial measures are properly implemented 	Submit noise mitigation proposals to IEC and ER; Implement noise mitigation proposals.				
Limit Level Exceedance	 Identify source; Inform IEC, ER, EPD and Contractor; Repeat measurements to confirm findings; Increase monitoring frequency; Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; Inform IEC, ER and EPD the causes and actions taken for the exceedances; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	 Confirm receipt of notification of failure in writing; Notify Contractor; Require Contractor to propose remedial measures for the analysed noise problem; Ensure remedial measures properly implemented; If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated. 	 Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; Resubmit proposals if problem still not under control; Stop the relevant portion of works as determined by the ER until the exceedance is abated. 				



Event and Action Plan for Construction Noise

Frank		Action						
Event	ET	IEC	ER	Contractor				
	8. If exceedance stops, cease additional monitoring.							

Note:

ET – Environmental Team

IEC – Independent Environmental Checker

ER – Engineer's Representative



Event and Action Plan for Water Quality

- ,		Action						
Event	ET	IEC	ER	Contractor				
Action level exceedance for one sampling day	 Inform IEC, Contractor and ER; Check monitoring data, all plant, equipment and Contractor's working methods; and Discuss remedial measures with IEC and Contractor and ER. 	1. Discuss with ET, ER and Contractor on the implemented mitigation measures; 2. Review proposals on remedial measures submitted by Contractor and advise the ER accordingly; and 3. Review and advise the ET and ER on the effectiveness of the implemented mitigation measures.	 Discuss with IEC, ET and Contractor on the implemented mitigation measures; Make agreement on the remedial measures to be implemented; Supervise the implementation of agreed remedial measures. 	 Identify source(s) of impact; Inform the ER and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ER, ET and IEC and purpose remedial measures to IEC and ER; and Implement the agreed mitigation measures. 				
Action level exceedance for more than one consecutive sampling days	 Repeat in-situ measurement on next day of exceedance to confirm findings; Inform IEC, contractor and ER; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss remedial measures with IEC, contractor and ER Ensure remedial measures are implemented 	1. Discuss with ET, Contractor and ER on the implemented mitigation measures; 2. Review the proposed remedial measures submitted by Contractor and advise the ER accordingly; and 3. Review and advise the ET and ER on the effectiveness of the implemented mitigation measures.	1. Discuss with ET, IEC and Contractor on the proposed mitigation measures; 2. Make agreement on the remedial measures to be implemented; and 3. Discuss with ET, IEC and Contractor on the effectiveness of the implemented remedial measures.	 Identify source(s) of impact; Inform the ER and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment and consider changes of working methods; Discuss with ET, IEC and ER and submit proposal of remedial measures to ER and IEC within 3 working days of notification; and Implement the agreed mitigation measures. 				



Event and Action Plan for Water Quality

	Action					
Event	ET	IEC	ER	Contractor		
Limit level exceedance for one sampling day	 Repeat measurement on next day of exceedance to confirm findings; Inform IEC, contractor and ER; Rectify unacceptable practice; Check monitoring data, all plant, equipment and Contractor's working methods; Consider changes of working methods; Discuss mitigation measures with IEC, ER and Contractor; and Ensure the agreed remedial measures are implemented 	1. Discuss with ET, Contractor and ER on the implemented mitigation measures; 2. Review the proposed remedial measures submitted by Contractor and advise the ER accordingly; and 3. Review and advise the ET and ER on the effectiveness of the implemented mitigation measures.	1. Discuss with ET, IEC and Contractor on the implemented remedial measures; 2. Request Contractor to critically review the working methods; 3. Make agreement on the remedial measures to be implemented; and 4. Discuss with ET, IEC and Contractor on the effectiveness of the implemented remedial measures.	 Identify source(s) of impact; Inform the ER and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment and consider changes of working methods; Discuss with ET, IEC and ER and submit proposal of additional mitigation measures to ER and IEC within 3 working days of notification; and Implement the agreed remedial measures. 		
Limit level exceedance for more than one consecutive sampling days	 Inform IEC, contractor and ER; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; and Ensure mitigation measures are implemented; and 	1. Discuss with ET, Contractor and ER on the implemented mitigation measures; 2. Review the proposed remedial measures submitted by Contractor and advise the ER accordingly; and 3. Review and advise the ET and ER on the	 Discuss with ET, IEC and Contractor on the implemented remedial measures; Request Contractor to critically review the working methods; Make agreement on the remedial measures to be implemented; 	 Identify source(s) of impact; Inform the ER and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment and consider changes of working methods; Discuss with ET, IEC and ER and submit proposal of additional mitigation 		



Event and Action Plan for Water Quality

Fromt	Action							
Event	ET	IEC	ER	Contractor				
	5. Increase the monitoring frequency to daily until no exceedance of Limit Level for two consecutive days	effectiveness of the implemented mitigation measures.	 4. Discuss with ET and IEC on the effectiveness of the implemented mitigation measures; and 5. Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the dredging activities until no exceedance of Limit level. 	measures to ER and IEC within 3 working days of notification; and 6. Implement the agreed remedial measures. 7. As directed by the ER, to slow down or stop all or part of the dredging activities until no exceedance of Limit level.				

Note:

ET – Environmental Team

IEC – Independent Environmental Checker

ER – Engineer's Representative

Each step of actions required shall be implemented within 1 working days unless otherwise specified or agreed with EPD.



Event/Action Plan for Landscape and Visual

	Action							
Event	ET	IEC	ER	Contractor				
Design Check	Check final design conforms to the requirements of EP and prepare report.	Check report. Recommend remedial design if necessary.	Undertake remedial design if necessary.	N/A				
Non-conformity on one occasion	1. Inform the IEC, ER and the Contractor 2. Discuss remedial actions with IEC, ER and Contractor 3. Monitor remedial actions until rectification has been completed	 Check report. Check Contractor's working method Discuss with ET, ER and Contractor on possible remedial measures. Advise ER on effective of proposed remedial measures. Check implementation of remedial measures 	1. Confirm receipt of notification of nonconformity in writing 2. Review and agree on the remedial measures proposed by the Contractor 3. Ensure remedial measures are properly implemented	1. Identify source and investigate the non-conformity 2. Amend working methods agreed with ER as appropriate 3. Rectify damage and undertake any necessary replacement				
Repeated Non-conformity	1. Identify sources 2. Inform the Contractor, IEC and ER 3. Discuss inspection frequency 4. Discuss remedial actions with IEC, ER and Contractor 5. Monitor remedial actions until rectification has been completed	1. Check inspection report 2. Check Contractor's working method 3. Discuss with ET,ER and Contractor on possible remedial measures 4. Advise ER on effectiveness of proposed remedial measures	1. Notify the Contractor 2. In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented 3. Supervise implementation of remedial measures	1. Identify source and investigate the non-conformity 2. Amend working methods agreed with ER as appropriate 3. Rectify damage and undertake any necessary replacement. Stop relevant portion of works as determined by ER until the non-conformity is abated.				



Event/Action Plan for Landscape and Visual

Event	Action			
	ET	IEC	ER	Contractor
	6. If non-conformity stops, cease additional monitoring			

Note:

ET – Environmental Team

IEC – Independent Environmental Checker

ER – Engineer's Representative



Appendix 3.4

Equipment Calibration Certificates



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Page 1 of 1

Report no.: 240029CA251219(6)

CALIBRATION CERTIFICATE OF DUST METER

: Fugro Technical Services Limited

Project : Calibration Services

Client Supplied Information

Details of Unit Under Test, UUT -

Description

: Laser Dust Monitor

Manufacturer

: SIBATA

Model No.

: LD-5R

Serial No.

: 620408

Next Calibration Date : 14-Apr-2026

Laboratory Information

Details of Reference Equipment -

Description

: Reference balance

Equipment ID.

: R-039-10

Date of Calibration

: 15-Apr-2025

Ambient Temperature : 26 °C

Calibration Location : Calibration Lab. of MateriaLab

Method Used

: By direct comparison the weight of dust particle trapped in a filter paper using high volume sampler (TSP method) for a certain period, with the reading of the UUT. They

should be placed at the same location and powered on and off at the same time.

Calibration Results:

Reference concentration (mg/m³)	Total count for 1 hour	CPM (Count per minute)
0.0960	1888	31.47
0.0560	1645	27.42
0.0656	1709	28.48

Remarks:

1. The equipment being used in this calibration is traceable to recognized National Standards.

2. The interpolation equation: Concentration $(mg/m^3) = K \times UUT$ reading (CPM) where K = 0.002491

3. Correlation coefficient (r):

0.9996

CA-R-297 (22/07/2009)



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun. NT Hong Kong

Report no.: 240029CA251219(7)

Page 1 of 1

CALIBRATION CERTIFICATE OF DUST METER

Client : Fugro Technical Services Limited

Project : Calibration Services

Client Supplied Information

Details of Unit Under Test, UUT -

Description

: Laser Dust Monitor

Manufacturer

: SIBATA

Model No.

: LD-5R

Serial No.

: 620480

Next Calibration Date : 14-Apr-2026

Laboratory Information

Details of Reference Equipment -

Description

: Reference balance

Equipment ID.

: R-039-10

Date of Calibration

: 15-Apr-2025

Ambient Temperature : 26 °C

Calibration Location : Calibration Lab. of MateriaLab

Method Used

: By direct comparison the weight of dust particle trapped in a filter paper using high volume sampler (TSP method) for a certain period, with the reading of the UUT. They

should be placed at the same location and powered on and off at the same time.

Calibration Results:

Reference concentration (mg/m³)	Total count for 1 hour	CPM (Count per minute)
0.0960	2851	47.52
0.0560	2446	40.77
0.0656	2589	43.15

Remarks:

1. The equipment being used in this calibration is traceable to recognized National Standards.

2. The interpolation equation : Concentration $(mg/m^3) = K \times UUT$ reading (CPM) where K = 0.001656

3. Correlation coefficient (r):

0.9921

Date: 17-6-2025

Leung Kwok Tai (Assistant Manager) Checked by :___ CA-R-297 (22/07/2009)



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun. NT Hong Kong

Page 1 of 1 Report no.: 240029CA251219(8)

CALIBRATION CERTIFICATE OF DUST METER

Client : Fugro Technical Services Limited

Project : Calibration Services

Client Supplied Information

Details of Unit Under Test, UUT -

Description

: Laser Dust Monitor

Manufacturer

: SIBATA

Model No.

: LD-5R

Serial No.

: 761105

Next Calibration Date : 14-Apr-2026

Laboratory Information

Details of Reference Equipment -

Description

: Reference balance

Equipment ID.

: R-039-10

Date of Calibration

: 15-Apr-2025

Ambient Temperature : 26 °C

Calibration Location : Calibration Lab. of MateriaLab

Method Used

: By direct comparison the weight of dust particle trapped in a filter paper using high volume sampler (TSP method) for a certain period, with the reading of the UUT. They

should be placed at the same location and powered on and off at the same time.

Calibration Results:

oalibration (Courts .		
Reference concentration (mg/m³)	Total count for 1 hour	CPM (Count per minute)
0.0960	2977	49.62
0.0560	2612	43.53
0.0656	2698	44.97

Remarks:

1. The equipment being used in this calibration is traceable to recognized National Standards.

2. The interpolation equation: Concentration $(mg/m^3) = K \times UUT$ reading (CPM) where K = 0.001576

3. Correlation coefficient (r):

0.9999

Date: 7-6 2005 Certified by: Cartified by: C Checked by :___ CA-R-297 (22/07/2009)



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report no.: 240751CA250377 Page 1 of 1

CALIBRATION CERTIFICATE OF SOUND LEVEL METER

Client Supplied Information

Client: Materialab Consultants Ltd.

Project: Calibration Services

Details of Unit Under Test, UUT -

Description

Sound Level Meter

Manufacturer

Casella

Model No. Serial No.

Meter Microphone Preamplifier CEL-633A CEL-495 CE-251 004910 1488272 05623

Equipment ID

N/A

Next Calibration Date

26-Feb-2026

Specification Limit

EN 61672-1: 2003 Class 1

Laboratory Information

Details of Reference Equipment -

Description :

B & K Acoustic Multifunction Calibrator 4226 (Traditional free field setting)

Equipment ID. :

R-108-1

Date of Receipt

: 24-Feb-2025

Date of Calibration : 27-Feb-2025

Calibration Location: Calibration Laboratory of FTS

Ambient Temperature :

20±2 °C

Method Used

: By direct comparison

Calibration Results:

Parame	ters	Mean Value (dB)	Specific	ation	Limit(dB)
	4000Hz	0.6	2.6	to	-0.6
	2000Hz	1.0	2.8	to	-0.4
A-weigthing	1000Hz	-0.1	1.1	to	-1.1
frequency	500Hz	-3.4	-1.8	to	-4.6
response	250Hz	-8.8	-7.2	to	-10.0
	125Hz	-16.2	-14.6	to	-17.6
	63Hz	-26.3	-24.7	to	-27.7
Differential level	94dB-104dB	0.0		± 0.6	3
linearity	104dB-114dB	0.1		± 0.6	3

Remarks:

- 1. The equipment used in this calibration is traceable to recognized National Standards.
- 2. The mean value is the average of four measurements.
- 3. For calibration: Reference SPL are 94, 104 & 114dB, range setting is 20-140dB & time weighting is fast
- 4. The UUT does comply with EN 61672-1: 2003 Class 1 sound level meter for the above measurement.
- 5 The values given in this Calibration Certificate only relate to unit under test and the values measured at the time of the test. Any uncertainties will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during tranportation, overloading, mis-handling or the capability of any other laboratory to repeat the measurement.

Checked by: CA-R-297 (22/07/2009) Date: 3-3-2005 Certified by: K. Joung Date: 3-3-5005 Leung Kwok Tai (Assistant Manager)



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report no.: 240751CA242384 Page 1 of 1

CALIBRATION CERTIFICATE OF SOUND CALIBRATOR

Client: Materialab Consultants Ltd.

Project: Calibration Services

Client Supplied Information

Details of Unit Under Test, UUT -

Description

: Sound Calibrator

Manufacturer

Casella (Model CEL-120/1)

Serial No.

2383707

Equipment ID

N/A

Next Calibration Date : 13-Oct-2025

Specification Limit

EN 60942: 2003 Class 1

Laboratory Information

Details of Calibration Equipment -

Description

Reference Sound level meter

Equipment ID.

R-119-2

Date of Receipt

10-Oct-2024

Date of Calibration:

14-Oct-2024

Calibration Location:

Calibration Laboratory of FTS

Ambient Temperature:

°C 20 ± 2

Method Used

By direct comparison

Relative Humidity

< 80 %RH

Calibration Posults

Cambration Results .		
Parameters (Setting of UUT)	Mean Value (error of measurement)	Specification Limit(dB)
94dB	-0.3 dB	±0.4dB
114dB	-0.2 dB	10.400

Remarks:

- 1. The equipment used in this calibration is traceable to recognized National Standards.
- 2. The mean value is the average of four measurements.
- 3. The unit under test complies with the specification limit.
- 4. The values given in this Calibration Certificate only relate to the unit-under-test and the values measured at the time of the test. Any uncertainties quoted will not include allowances for the environmental changes, variation and shock during transportation, or the capability of any other laboratory to repeat the measurement.

CA-R-297 (22/07/2009)

Date: 15-10-2024 Certified by:

Wong Yim Yu (Senior Engineer)



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 142626WA258022(1)



Page 1 of 3

Report on Calibration of YSI EXO-1 Multi-parameter Water Quality Meter

Information Supplied by Client

Client

: Fugro Technical Services Limited (MCL)

Client's address

13/F, Fugro House - KCC2, No. 1 Kwai On Road, Kwai Chung,

N.T., H.K.

Sample description

One YSI EXO-1 Multi-parameter Water Quality Meter

Client sample ID

: Serial No. 21D101383

Test required

Calibration of the YSI EXO-1 Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID

WA258022/2

Date sample received

13/03/2025

Date of calibration

10/04/2025

Next calibration date

09/07/2025

Test method used

In-house comparison method



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 142626WA258022(1)

Page 2 of 3

Results:

A. pH calibration

pH reading at 25°C for	Q.C. solution(6.86) and at 25°C	for Q.C. solution(9.18)
Theoretical	Measured	Deviation
9.18	9.16	-0.02
6.86	6.87	+0.01

B. Salinity calibration

B. Caminty Cambration			
	Salini	ty, ppt	
Theoretical	Measured	Deviation	Maximum acceptable Deviation
1	1.02	+0.02	± 0.1
10	9.98	-0.02	± 0.5
20	19.97	-0.03	± 1.0
30	30.02	+0.02	± 1.5
40	40.47	+0.47	± 2.0

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L		
Thai No.	By Titration	By D.O. meter	
1	8.27	8.30	
2	8.27	8.29	
3	8.27	8.29	
Average	8.27	8.29	

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.2 mg/L

Certified by

Approved Signatory: HO Kin Man, John

Director

Date



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 142626WA258022(1)

Page 3 of 3

Results:

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
22.5	22.3

E. Turbidity calibration

	Turbidity	, N.T.U.	
Theoretical	Measured	Deviation	Maximum acceptable Deviation
4	4.50	+0.50	± 0.6
8	8.29	+0.29	± 0.8
40	40.06	+0.06	± 3.0
80	79.69	-0.31	± 4.0

F. Conductivity calibration

Treemadering cambra	die ii		
	Conductiv	/ity, μS/cm	
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
1408	1524	+8.23	
6668	6432	-3.53	140.0
12860	12641	-1.70	±10.0
24820	23885	-3.77	

Certified by

Approved Signatory : HO Kin Man, John

Director

Date

** End of Report **



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 142626WA258049(1)



Page 1 of 3

Report on Calibration of YSI EXO-3 Multi-parameter Water Quality Meter

Information Supplied by Client

Client

: Fugro Technical Services Limited (MCL)

Client's address

13/F, Fugro House - KCC2, No. 1 Kwai On Road, Kwai Chung,

N.T., H.K.

Sample description

One YSI EXO-3 Multi-parameter Water Quality Meter

Client sample ID

Serial No. 19A105807

Test required

Calibration of the YSI EXO-3 Multi-parameter Water Quality Meter

Laboratory Information

Lab. sample ID

WA258049/2

Date sample received

11/06/2025

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Date of calibration

12/06/2025

Next calibration date

11/09/2025

Test method used

In-house comparison method



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 142626WA258049(1)

Page 2 of 3

Results:

A. pH calibration

pH reading at 25°C for	Q.C. solution(6.86) and at 25°	C for Q.C. solution(9.18)
Theoretical	Measured	Deviation
9.18	9.10	-0.08
6.86	6.88	+0.02

B. Salinity calibration

	Salinity, ppt			
Theoretical	Theoretical Measured Deviation			
1	1.00	0.00	± 0.1	
10.	10.05	+0.05	± 0.5	
20	19.99	-0.01	± 1.0	
30	30.29	+0.29	± 1.5	
40	40.53	+0.53	± 2.0	

C. Dissolved Oxygen calibration

Trial No.	Dissolved oxygen content, mg/L		
i nai no.	By Titration	By D.O. meter	
1	7.86	7.90	
2	7.86	7.89	
3	7.86	7.90	
Average	7.86	7.90	

Differences of D.O. Content between Wrinkler Titration and D.O. meter should be less than 0.2 mg/L

Certified by

Approved Signatory: HO Kin Man, John

Director

Date

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 142626WA258049(1)

Page 3 of 3

Results:

D. Temperature calibration

Thermometer reading, °C	Meter reading, °C
24.0	24.07

E. Turbidity calibration

	Turbidity, N.T.U.					
Theoretical	Theoretical Measured Deviation			Measured	Deviation	Maximum acceptable Deviation
4	4.25	+0.25	± 0.6			
8	8.54	+0.54	± 0.8			
40	40.08	+0.08	± 3.0			
80	80.72	+0.72	± 4.0			

F. Conductivity calibration

	Conducti	vity, μS/cm	
Theoretical	Measured	Deviation (%)	Maximum acceptable Deviation (%)
1408	1392	-1.14	
6668	6553	-1.72	±10.0
12860	12840	-0.16	±10.0
24820	24543	-1.12	

Certified by

Approved Signatory : HO Kin Man, John

816 (20X

Director

Date

** End of Report **



ALS Technichem (HK) Pty Ltd

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1 - 3 Wing Yip Street,

Kwai Chung, N.T., Hong Kong

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CERTIFICATE OF ANALYSIS

CONTACT: MR WS CHAN

CLIENT: AECOM ASIA COMPANY LIMITED

ADDRESS: 1501-10, 15/F, TOWER 1, GRAND CENTRAL PLAZA,

138 SHATIN RURAL COMMITTEE ROAD, SHATIN, NEW TERRITORIES, HONG KONG

SUB BATCH: 0

LABORATORY: HONG KONG

WORK ORDER: HK2443152

DATE RECEIVED: 21-Oct-2024 **DATE OF ISSUE:** 01-Nov-2024

SPECIFIC COMMENTS

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client. The performance of the equipment stated in this report is checked with independent reference material and results are compared against a calibrated secondary source.

The "Instrument Specification" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principles as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

Equipment Type: Landfill Gas Analyser Service Nature: Performance Check

Scope: Carbon dioxide, Methane and Oxygen

Brand Name/ Model No.: Geotech / GA5000

Serial No./Equipment No.: G501744

Date of Calibration: 01 November, 2024

GENERAL COMMENTS

This report superseded any previous report(s) with same work order number.

Ms Chan Ka Yu, Karen Manager - Organics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK2443152

Sub-Batch: 0

Client: AECOM ASIA COMPANY LIMITED

Date of Issue: 01-Nov-2024

Equipment Type: Landfill Gas Analyser

Brand Name/ Model No.:

Equipment No.:

Geotech / GA5000

Serial No./

G501744

Date of Calibration: 01 November, 2024

Next Calibration Date: 01 November, 2025

Parameters:

Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	1.0	0.0	± 0.5
2.5	2.6	0.1	± 0.5
10.0	10.5	0.5	± 0.5
49.8	49.6	-0.2	± 0.5

Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	1.0	0.0	± 0.5
2.5	2.6	0.1	± 0.5
10.1	9.9	-0.2	± 0.5
50.1	50.1	0.0	± 0.5

Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
0.5	0.5	0.0	± 1.0
2.5	2.6	0.1	± 1.0
9.8	10.0	0.2	± 1.0
23.3	23.7	0.4	± 1.0

Ms Chan Ka Yu, Karen Manager - Organics

Appendix 4.1

Implementation Status of Environmental Mitigation Measures

Implementation Status of Environmental Mitigation Measures (Construction Phase)

EM&A Log Ref	Recommended Mitigation Measures	Status
	<u>Air Quality</u>	
D1	Water spraying every hour on exposed worksites and haul road	Implemented
D2	The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation	Implemented
	The following dust suppression measures should be incorporated to control the dust nuisance throughout the construction phase:	
	• Water spraying on any dusty materials before loading and uploading, stockpile of dusty materials, area where demolition works is carried out,	Implemented
	area where excavation or earth moving activities are carried out, and any unpaved main haul road	Implemented
	• Adoption of side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable	Implemented
	owing to frequent usage, watering shall be used to aggregate fines	Implemented
	• Use of regular watering to reduce dust emissions from exposed site surfaces, unpaved roads, dusty construction areas	Implemented
	• Provide effective dust screens, sheeting, or netting to enclose any scaffolding built around the perimeter of a building	Implemented
	Prevent placing dusty material storage piles near ASRs	Implemented
		ET had reminded the Contractor
D3	Cover or shelter any stockpile of dusty materials	on 29 th October 2024 weekly site
	- Cover of sheller any stockpile of dusty materials	inspection and is awaiting an
		update.
	• Provide vehicle washing facilities at all site exits to wash away any dusty materials from vehicle body and wheels before they leave the site	Implemented
	Cover any dusty load on vehicles before they leave the site	Implemented
	• Loading, unloading, transfer, handling, or storage of bulk cement or dry pulverized fuel ash shall be carried out in a totally enclosed system or	Implemented
	facility, and any vent or exhaust shall be fitted with an effective fabric filter or equivalent air pollution control system	Implemented
	• Properly treat exposed earth, such as by compacting or hydroseeding, within 6 months after the last construction activity	Implemented
	• When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along	Hoarding erection is completed.
	the Project Site boundary with provision for public crossing	rioarding election is completed.
D4	Implement regular dust monitoring under EM&A programme during the construction stage.	Implemented
D5	A 3m high hoarding at the northern boundary of the Project Site during construction stage.	Hoarding erection is completed.
	When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along	
D6	the Project Site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the boardings are proporty maintained throughout the construction period.	Hoarding erection is completed.
	of the hoardings are properly maintained throughout the construction period Noise	
	Implement the following good site management practices:	
	• only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme	Implemented
	• machines and plant (such as trucks, breakers) that may be in intermittent use should be shut down between work periods or should be	·
N1	throttled down to a minimum	Implemented
	• plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby Noise	
	Sensitive Receivers (NSRs)	Implemented
		I



EM&A Log Ref	Recommended Mitigation Measures	Status
	• silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works	Implemented
	• mobile plant should be sited as far away from NSRs as possible and practicable	Implemented
	• material stockpiles, site office and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities	Implemented
N2	Use of quiet plant which should be made reference to the Powered Mechanical Equipment (PME) listed in the Quality Powered Mechanical Equipment (QPME) / other commonly used PME listed in Environmental Protection Department (EPD) web pages as far as possible which includes the Sound Power Level (SWLs) for specific quiet PME. Require the Contractor to independently verifies the noise level of the plant proposed to be used and demonstrate that the plant proposed to be used on the Project Site meets the requirements.	Implemented
N3	Install movable temporary noise barriers (typical design is wooden framed barrier with a small-cantilevered upper portion of superficial density no less than 7kg/m2 on a skid footing with 25mm thick internal sound absorptive lining) in order to achieve a minimum 5 dB(A) reduction for movable plant.	Implemented
N4	Coordinate with contractors of other concurrent projects such as "Upgrading of Sewage Pumping Station and Sewerage along Ting Kok Road" to schedule and avoid overlapping of major noisy construction activities.	"Upgrading of Sewage Pumping Station and Sewerage along Ting Kok Road" is completed.
N5	Carry out construction noise monitoring in accordance with the EM&A Manual.	Implemented
	Water Quality	
	General Site Operation To reduce the potential water quality impact due to construction site runoff, the following good site practices in accordance to Practice Note for Professional Persons on Construction Site Drainage, Environmental Protection Department, 1994 (ProPECC PN 1/94) should be implemented to avoid potential adverse water quality impacts: • Installation of temporary storage tanks to treat construction surface runoff. Once one of the water storage tanks are completed, use the water	
	storage tank for sedimentation.	Implemented
	• Construct perimeter cut-off drains to direct off-site water around the site and provide channels (both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers on site to direct stormwater to silt removal facilities.	Implemented
W1	• Implementation of dikes or embankments for flood protection and provide temporary ditches to facilitate the runoff discharge into an appropriate watercourse, through a silt/sediment trap.	Implemented
•••	Design efficient silt removal facilities based on the guidelines in Appendix A1 of ProPECC PN 1/94.	Implemented
	• Schedule construction works to minimize surface excavation works during the rainy seasons (April to September). Complete and vegetate all exposed earth areas as soon as possible after earthworks have been completed.	Implemented
	• Inspect and maintain all drainage facilities and erosion and sediment control structures regularly to ensure proper and efficient operation at all times and particularly following rainstorms.	Implemented
	• Implementation of measures to minimize the ingress of site drainage into excavations. If the excavation of trenches in wet periods is necessary, it should be dug and backfilled in short sections wherever practicable.	Implemented
	• Cover all construction materials at temporary storage area with tarpaulin or similar fabric during rainstorms and implementation of measures to prevent the washing away of construction materials, soil, silt or debris into any drainage system.	ET had reminded the Contractor on 29 th October 2024 weekly site



EM&A Log Ref	Recommended Mitigation Measures	Status
		inspection and is awaiting an update.
	• Cover manholes (including newly constructed ones) adequately and seal temporarily to prevent silt, construction materials or debris being washed into the drainage system and storm runoff being directed into foul sewers.	Implemented
	• Take precautions at any time of year when rainstorms are likely. The actions to be taken based on the guidelines in Appendix A2 of ProPECC PN 1/94.	Implemented
	• Clean all vehicles and plant before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads and provide adequately designed and sited wheel washing facilities at every construction site exit where practicable.	Implemented
	Provide oil interceptors in the drainage system downstream of any oil/fuel pollution sources. Empty and clean the oil interceptors regularly to prevent the release of oil and grease into the storm water drainage system after accidental spillage."	No oil/fuel pollution sources observed at present, so no oil interceptors provided.
	Collect, handle and dispose construction solid waste, debris and rubbish on site to avoid water quality impacts.	Implemented
	• Provide locks for all fuel tanks and storage areas and locate on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled fuel oils from reaching water sensitive receivers nearby.	Implemented
	A 300mm bund wall is also recommended along the seawall.	Implemented
	Accidental Spillage of Chemicals To reduce the potential water quality impact due to accidental spillage of chemicals, the following mitigation measures should be implemented to avoid potential adverse water quality impacts:	·
	• Properly sort and contain the chemicals used during construction, such as fuel, oil, solvents and lubricants in a designated area with secondary containment to prevent spillage and contamination of the nearby water environment.	Implemented
W2	• Locate any maintenance activities and workshops with chemicals use away from watercourses on hard standings within a bunded area and provide sumps and oil interceptors as appropriate.	Implemented
	• The Contractor shall register as a chemical waste producer and employ licensed collector for collection of chemical waste from the construction site. Any chemical waste generated shall be managed in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.	The Contractor had registered for chemical waste producer. No chemical waste produced at present.
	Sewage from workforce To mitigate the water quality impacts of sewage arising from the on-site construction workers, the following measures should be implemented:	
W3	• Provide temporary sanitary facilities, e.g. portable chemical toilets to collect the sewage. Regular collection by licensed collectors should be arranged.	Implemented
	• Post notices at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the surrounding environment during the construction phase of the Project.	Implemented
	Waste Management	
\A/\ 44	Good Site Practices The following good site practices are recommended throughout the construction activities:	
WM1	• nomination of an approved personnel, such as a site manager, to be responsible for the implementation of good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site	Implemented
Proposed (Golf Course Development at Tai Po Lot No 246 Shuen Wan - Implementation Status of Environmental Mitigation Measures (Construction Phase)	_



EM&A Log Ref	Recommended Mitigation Measures	Status
	• training of site personnel in site cleanliness, appropriate waste management procedures and concepts of waste reduction, reuse and recycling	Implemented
	provision of sufficient waste disposal points and regular collection for disposal	Implemented
	• appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers	Implemented
	regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors	Implemented
	• prepare a Waste Management Plan (WMP) in accordance with the ADV-19 Practice Note for Authorized Persons and Registered Structural	•
	Engineers on Construction and Demolition Waste, which include the mitigation measures proposed in the EIA and EM&A Manual, and submit to the Engineer for approval	Implemented
	Waste Reduction Measures Waste reduction is best achieved at the planning and design phase, as well as by ensuring the implementation of good site practices. The following recommendations are proposed to achieve reduction:	
	• segregate and store different types of waste in different containers, skip or stockpiles to enhance reuse or recycling of materials and their proper disposal	Implemented
WM2	• proper storage and site practices to minimize the potential for damage and contamination of construction materials	Implemented
	• plan and stock construction materials carefully to minimize amount of waste generated and avoid unnecessary generation of waste	Implemented
	• sort out demolition debris and excavated materials from demolition works to recover reusable/recyclable portions (i.e. soil, broken concrete, metal etc.)	Implemented
	• provide training to workers on the importance of appropriate waste management procedures, including waste reduction, reuse and recycling	Implemented
	Storage, Collection and Transportation of Waste The following recommendation should be implemented to minimize the impacts:	
	• non-inert C&D materials such as top soil should be handled and stored well to ensure secure containment of the materials	Implemented
	• stockpiling area should be provided with covers and water spraying system to prevent materials from wind- blown or being washed away	ET had reminded the Contractor on 29 th October 2024 weekly site inspection and is awaiting an update.
	• different locations should be designated to stockpile each material to enhance reuse	Implemented
WM3	remove waste in timely manner	Implemented
	employ the trucks with cover or enclosed containers for waste transportation	Implemented
	obtain relevant waste disposal permits from the appropriate authorities	Implemented
	disposal of waste should be done at licensed waste disposal facilities	Implemented
	all dumping trucks engaged on site be equipped with GPS or equivalent system for tracking and monitoring of their travel routings and parking locations by Environmental Team (ET) and Independent Environmental Checker (IEC) to prohibit illegal dumping and landfilling of materials	Implemented
	• keep record and analysis of data collected by GPS or equivalent system relating to travel routings and parking locations of dump trucks engaged on site	Implemented



EM&A	Recommended Mitigation Measures	Status
Log Ref	C&D Materials Wherever practicable, C&D materials should be segregated from other wastes to avoid contamination and ensure acceptability at public fill reception facilities areas or reclamation sites. The following mitigation measures should be implemented in handling the C&D materials:	
	maintain temporary storage locations and reuse excavated fill material for backfilling	Implemented
	• carry out on-site sorting	Implemented
WM4	make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate	Implemented
	• implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified The recommended C&D materials handling should include:	Implemented
	• on-site sorting of C&D materials	Implemented
	• reuse of C&D materials	Implemented
	The acceptance criteria of inert C&D materials to public fill reception facilities are subject to the fill management authority of CEDD.	
	Use of Standard Formwork and Planning of Construction Materials purchasing	
	Standard formwork should also be used as far as practicable to minimise the arising of non-inert C&D materials	Implemented
WM5	• Use of more durable formwork (e.g. metal hoarding) or plastic facing should be encouraged in order to enhance the possibility of recycling	Implemented
	Purchasing of construction materials should be carefully planned in order to avoid over ordering and wastage	Implemented
	General Refuse	·
	General refuse should be stored in enclosed bins separately from construction and chemical wastes.	Implemented
WM6	Recycling bins should also be placed to encourage recycling	ET had reminded the Contractor on 25 th October 2024 weekly site inspection and is awaiting an update.
	Preferably enclosed and covered areas should be provided for general refuse collection and routine cleaning for these areas should also be implemented to keep areas clean	Implemented
	A reputable waste collector should be employed to remove general refuse on a daily basis	Implemented
	Chemical Waste	
WM7	Reduce the generation quantities or select a chemical type of less impact on environment, health and safety as far as possible If chemical wastes are produced at the construction site, the Contractors should register with EPD as chemical waste producer. Chemical wastes should be stored in appropriate containers and collected by a licensed chemical waste collector. Chemical wastes (e.g. spent lubricant oil) should be recycled at an appropriate facility as far as possible, while the chemical waste that cannot be recycled should be disposed of at either the Chemical Waste Treatment Centre, or another licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation	Implemented
	Felled Trees, Twigs and Branches	
WM8	Felled trees, twigs and branches can be shredded into smaller particles of appropriate size which can be used as mulch. Mulch is applied to the soil surface modifying the soil environment and enhancing plant growth.	Implemented
	<u>Landfill Gas Hazards</u>	
	General Site Safety	
LFG1	 Appointment of Safety Officer, who has been trained in use of gas detection equipment and LFG related hazards, should be present on site throughout the ground works phase. The Safety Officer should be provided with an intrinsically safe portable instrument appropriately 	Implemented



A ef	Recommended Mitigation Measures	Status
	calibrated and capable of measuring the following gases:	
	• CH4: 0-100% LEL and 0-100% v/v; • CO2: 0-100% v/v; and • O2: 0-100% v/v.	
	• Those staff who work in, or have responsibility for "at risk" areas, including all excavation workers, supervisors and engineers working within	landan atad
	the Consultation Zone, should receive appropriate training on working in areas susceptible to LFG, fire and explosion hazards.	Implemented
	• An excavation procedure or code of practice to minimise LFG related risk should be devised and carried out by the Safety Officer.	Implemented
	• No worker should be allowed to work alone at any time in or near to any excavation. At least one other worker should be available to assist with a rescue if needed.	Implemented
	Smoking, naked flames and other source of ignition should be prohibited within 15m of any excavation or ground-level confined space. "No	
	Smoking", "No Naked Flame" and "Potential Hazard of Landfill Gas" notices in Chinese and English should be posted prominently around the Project Site.	Implemented
	• Welding, flame-cutting or other hot works may only be carried out in trenches or confined spaces when controlled by a "permit to work" procedure, properly authorised by Safety Officer.	Implemented
	Ground level construction plant should be fitted with vertical exhausts at least 0.6m above ground level and with spark arrestors.	Implemented
	• Any electrical equipment, such as motors and extension cords, should be intrinsically safe.	Implemented
	During piping assembly or conduiting construction, all valves/seals should be closed immediately after installation. As construction progresses,	
	all valves/seals should be closed as installed to prevent the migration of gases through the pipeline/conduit. All piping/conduiting should be capped at the end of each working day.	Implemented
	• Frequency and location of LFG monitoring within excavation area should be determined prior to commencement of works. LFG monitoring in	
	excavations should be conducted at no more than 10mm from exposed ground surface.	Implemented
	• Temporary facilities such as mobile site offices, equipment stores, mess rooms etc. should be raised clear of the ground. If buildings are raised	
	clear of the ground, a minimum, clear separation distance (as measured from the highest point on the ground surface to the underside of the lowest floor joist) should be 500mm."	Implemented
	• Adequate fire extinguishers and breathing apparatus sets should be made available on site and appropriate training given in their use.	Implemented
	Fire drills should be organised at not less than six months intervals.	Implemented
	Site Safety for Drilling	·
	• Specialist Contractor should provide proper personal protective equipment (PPE) to the construction workers.	Implemented
	The following safety equipment shall also be provided by Specialist Contractor at all times during the drilling:	·
	no smoking signs, to be placed prominently adjacent to the drilling area;	Implemented
	portable fire extinguisher;	Implemented
	high visibility clothing to be worn by all drilling operatives; and	Implemented
	• additional protective clothing should include stout industrial boots (with steel toe cap and insole), plastic hard hats, heavy duty waterproof industrial groves.	Implemented
	• When drilling on landfill sites, all spoil obtained from the borehole should be stockpiled alongside the borehole and disposed of (to an appropriately licensed disposal site) at the end of the working day. At the end of the working day all vehicles, the drilling rig and any hand	Implemented



		Tai Po Goif Club Limited
EM&A Log Ref	Recommended Mitigation Measures	Status
	tools should be hosed-down with clean water to remove deposits of excavated spoil. Suitable guards or barriers should be placed around the	
	excavation or borehole to prevent access by unauthorised persons.	
	One person should be present at all times during drilling operations, with the sole responsibility of assuring the observance of all safety	Implemented
	procedures. This person should be trained in the use of all recommended safety equipment.	implemented
	• Smoking should be prohibited anywhere on a landfill site and within 15 metres of a boring or excavation at any locations within the Consultation Zone.	Implemented
	For large diameter boreholes, a working platform should be placed over the hole which will prevent accidental entry into the hole by operatives.	Implemented
	No worker should be allowed to work alone at any time near the edge of the well under construction. Another worker should always be present, beyond the area considered to be subject to the possible effects of landfill gas or cave-in.	Implemented
	Periodically during the well construction, the work areas should be monitored for levels of methane.	Implemented
	• If the well construction is not completed by the end of the working day, the hole should be covered with a plate of sufficient overlap to	
	prevent access to the hole and sufficient structural strength to support expected loads. The plate should be weighted down to discourage removal and, on landfill sites, the edges of the plate should be covered with sufficient depth of wet soil to prevent escape of gas.	Implemented
	All pipes or casings should be capped at the end of each working day.	Implemented
	• Engine-driven rigs should have vertical exhaust stacks discharging not less than 1.5m above ground level and should have speed limits to prevent engine run away on ingested gas.	Implemented
	Diesel engine air-intakes should also be located not less than 1.5m above ground level.	Implemented
	Any electrical equipment should be intrinsically safe.	Implemented
	Site Safety for Well Installation	·
	• To prevent uncontrolled gas release and to protect personnel from the risk of falling into the borehole, the open borehole should be covered with a sheet or plate strong enough to support personnel and having an overlap all round the borehole.	Implemented
LFG3	• The drilling rig, boring machine or excavator should remain in place over the borehole and could be used as a support to assist placement of the casing.	Implemented
	• The upper end of the well casing should be sealed, preferably with a fused or screwed end cap or alternatively with an inflatable bag type flow stopper, until the permanent headworks/monitoring tap is fitted. Landfill gas must not be allowed to vent freely at the site surface.	Implemented
	<u>Ecology</u>	
EC1	Preservation of existing tree groups at various locations within the Project Site, covering some of the tree groups used by Collared Crow and Black Kite as roosting sites. These included a major tree group at the southern end of the Project Site which was more frequently used by Collared Crows.	Implemented
EC2	Erection of protective fencing without foundations for the major preserved tree groups	Implemented
EC3	Phasing of construction works and works areas	Implemented
EC4	The use of powered mechanical equipment will be stopped at one hour before sunset at Area 3, eastern part of area 2 and the Ancillary Facilities	Implemented
EC5	In situ preservation of the two individuals of Incense Tree Aquilaria sinensis recorded within the Project Site	Implemented



EM&A Log Ref	Recommended Mitigation Measures	Status
	Should further individuals of Incense Trees be found and having direct conflict with the golf course layout, preparation of transplantation plan prior to site formation;	
EC6	Planting of new trees: Upon completion of site formation at each phase, landscape planting will be implemented immediately before the beginning of next phase such that new tree groups aiming for roosting site provision will be planted before site clearance in the next phase.	Implemented
EC7	There will be no marine works and marine traffic arising from the Project to avoid potential impact on the marine habitats of conservation importance (e.g. Ting Kok SSSI).	Implemented
EC8	Implementation of good site practices as described in Practice Note for Professional Persons on Construction Site Drainage, EPD, 1994 (ProPECC PN 1/94).	Implemented
EC9	A temporary drainage system should be installed to intercept all construction runoff and divert it to water storage tanks.	Implemented
EC10	Schedule construction works to minimise surface excavation works during the rainy seasons (April to September). Complete and vegetate all exposed earth areas as soon as possible after earthworks have been completed.	Implemented
EC11	During construction phase, roost surveys should be conducted on the Project Site to monitor utilisation of the preserved tree groups by Collared Crow and Black Kite.	Implemented
EC12	The mitigation mentioned in water quality impact assessment should be implemented to avoid/ minimize impact to marine ecology due to deterioration of water quality.	Implemented
EC13	Site inspections and water quality monitoring during construction phase shall be carried out to monitor any malpractice leading to deterioration of water quality of the surrounding which may in turn affect marine ecology.	Implemented
	<u>Fisheries</u>	
F1	The mitigation mentioned in water quality impact assessment should be implemented to avoid/ minimize impact to fisheries resources due to deterioration of water quality.	Implemented
F2	Site inspections during construction phase shall be carried out at least once per week to monitor any malpractice leading to deterioration of water quality of the surrounding which may in turn affect the fisheries resources. The proposed construction phase water quality monitoring programme stated in Section 6 should cover the closest FCZ (i.e. Yim Tin Tsai FCZ)	Implemented
	<u>Landscape</u>	
	CP1 Preservation of Existing Vegetation	
CP1.1	Avoid disturbance to the existing trees and vegetation as far as practicable within the Project Site.	Implemented
CP1.2	Creation of "Tree Protection Zone" around trees/tree groups to be retained and to be fenced off from construction works.	Implemented
CP1.3	Prohibition of the runoff from construction activities, the storage of materials including fuel, the movement of construction vehicles, and the refuelling and washing of equipment including concrete mixers within the Tree Protection Zone.	Implemented
CP1.4	All works affecting the trees identified for retention and transplantation will be carefully monitored. This includes the key stages in the preparation of the tree transplanting, the implementation of protection measures and health monitoring throughout the construction period.	Implemented
CP1.5	Detailed landscape and tree preservation proposals will be submitted to the relevant government departments for approval.	Implemented
CP1.6	The tree preservation works should be implemented by qualified softworks contractor. Works will be inspected by a competent person of the ET. A tree protection specification would be included within the contract documents.	Implemented
	CP2 Implementation of Mitigation Planting and Planting Species Selection	
CP2.1	Replanting of existing/ disturbed vegetation will be undertaken at the earliest possible stage of the construction phase of the Project.	Implemented
CP2.2	Predominantly use of native or locally adopted tree species supplement with ornamental species and broadleaf plant species in the planting design.	Implemented



		Tai i o doir cias Emilico
EM&A Log Ref	Recommended Mitigation Measures	Status
CP2.3	Proposed mitigation planting will not only be limited to conventional amenity planting, but also consider alternative greening measures such as vertical greening for screening and softening of the built structures and green roof on built structures for enhancing the visual amenity. Small shrub, climbing plants, turf and groundcover shall be used in specific locations where technically feasible.	Implemented
CP2.4	The tree planting works should be implemented by qualified softworks contractor and inspected by the ET/competent person with horticultural works experiences. A tree planting specification would be included within the contract documents.	Implemented
	CP3 Transplantation of Existing Trees	
CP3.1	The tree transplanting works should be implemented by qualified softworks contractors and inspected by the ET/competent person with horticultural works experiences. A tree protection / transplanting specification would be included within the contract documents.	Implemented
CP3.2	Approximately 91 nos. existing trees to be transplanted, majority of them shall be relocated to future planting areas within the Project Site near the preserved trees.	Implemented
CP3.3	Trees will be directly transplanted to the final recipient site. Advance tree transplanting works before construction or at early stage of construction phase.	Implemented
CP3.4	Phased segmental root pruning for preparation of tree transplanting over a suitable period (determined by species and size).	Implemented
CP3.5	Pruning of the branches of transplanted trees to be based on the principle of crown thinning that would maintain their original tree form and amenity value.	Implemented
CP3.6	The implementation programme for the Project will reserve enough time for the advance tree transplanting preparation works.	Implemented
CP3.7	Detailed tree transplanting proposals will be submitted to the relevant government departments for approval.	Implemented
	CP4 Minimisation of Topographical Changes	•
CP4.1	Potential impact on slope profile of the Project Site will be minimised as far as possible through import of soil mix for necessary site levelling of golf playing area and association of planting works and to minimise adding extensive loading and affect the protective layer of land fill underneath.	Implemented
	CP5 Protection of Coastline	
CP5.1	The existing coastline will be maintained without any alteration. Responsive access road alignment of using the existing maintenance track at seashore to minimise disturbance of vegetation and the coastline.	Implemented
	<u>Visual</u>	
	CPV1 Preservation of Existing Vegetation	
CPV1.1	The tree preservation proposals will coordinate with the layout and design of the engineering and architectural layout at detailed design stage.	Implemented
	CPV2 Works Area and Temporary Works Areas	·
CPV2.1	The landscape of the works areas will be restored to their original condition or enhanced through the introduction of new amenity planting areas following the completion of the construction phase or in phase when the planting areas are ready	Implemented
CPV2.2	Optimise the construction sequence and construction programme.	Implemented
CPV2.3	Construction site controls will be enforced including the storage of materials, the location and appearance of site accommodation and site storage; and the careful design of site lighting.	Implemented
CPV2.4	Hoarding designed with recessive colour shall be set up around the construction site providing screening effect for the construction works.	Hoarding erection is completed.
CPV2.5	The site office or temporary above-ground structures shall be sited at less visual prominent locations.	Implemented
	CPV3 Coordination with Concurrent Projects	
CPV3.1	Coordinated implementation programme with concurrent projects.	Implemented
	EM&A Project	•
EM1	An Independent Environmental Checker needs to be employed as per the EM&A Manual	Implemented
Proposed (Colf Course Davidonment at Tai Do Let No 246 Shuan Wan Implementation Status of Environmental Mitigation Measures (Construction Phase)	



EM&A Log Ref	Recommended Mitigation Measures	Status
EM2	1) An Environmental Team needs to be employed as per the EM&A Manual 2) An environmental impact monitoring needs to be implementing by the Environmental Team to ensure all the requirements given in the EM&A Manual are fully complied with	Implemented



Appendix 5.1

Monitoring Data

DM-1

Date	Weather Condition	Time	Hour	Mass Concentration (μg/m³)
7/5/2025	Cloudy	8:59	1st	37
7/5/2025	Cloudy	9:59	2nd	45
7/5/2025	Cloudy	10:59	3rd	42
7/11/2025	Fine	13:00	1st	50
7/11/2025	Fine	14:00	2nd	42
7/11/2025	Fine	15:00	3rd	52
7/17/2025	Fine	13:39	1st	52
7/17/2025	Fine	14:39	2nd	70
7/17/2025	Fine	15:39	3rd	62
7/23/2025	Cloudy	13:45	1st	67
7/23/2025	Cloudy	14:45	2nd	92
7/23/2025	Cloudy	15:45	3rd	80
7/29/2025	Cloudy	13:00	1st	40
7/29/2025	Cloudy	14:00	2nd	37
7/29/2025	Cloudy	15:00	3rd	50

DM-2a

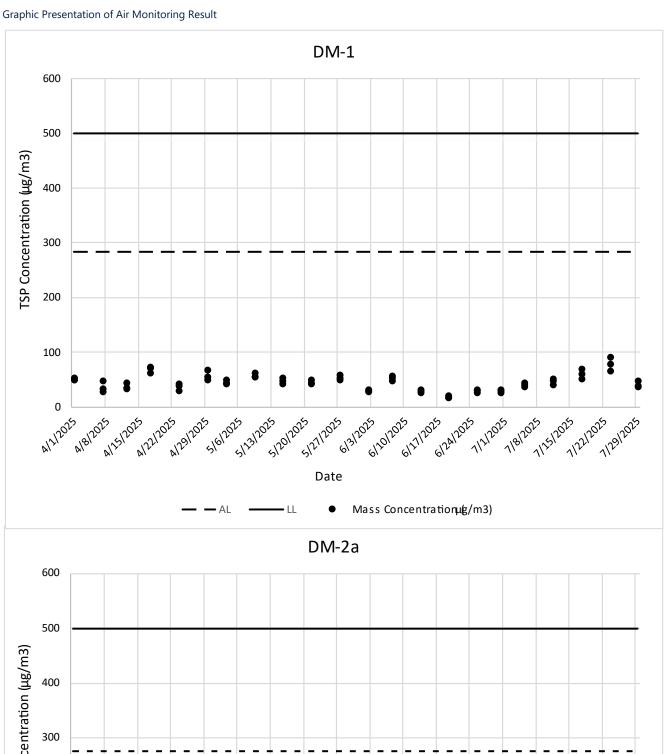
Date	Weather Condition	Time	Hour	Mass Concentration (μg/m³)
7/5/2025	Cloudy	8:02	1st	20
7/5/2025	Cloudy	9:02	2nd	22
7/5/2025	Cloudy	10:02	3rd	22
7/11/2025	Fine	8:00	1st	24
7/11/2025	Fine	9:00	2nd	27
7/11/2025	Fine	10:00	3rd	24
7/17/2025	Fine	13:06	1st	46
7/17/2025	Fine	14:06	2nd	50
7/17/2025	Fine	15:06	3rd	52
7/23/2025	Cloudy	13:08	1st	55
7/23/2025	Cloudy	14:08	2nd	61
7/23/2025	Cloudy	15:08	3rd	55
7/29/2025	Cloudy	8:00	1st	28
7/29/2025	Cloudy	9:00	2nd	28
7/29/2025	Cloudy	10:00	3rd	30

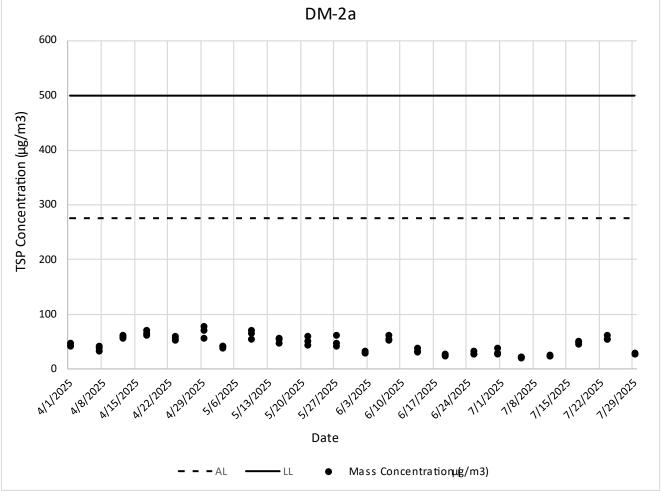
DM-3a

Date	Weather Condition	Time	Hour	Mass Concentration (μg/m³)
7/5/2025	Cloudy	8:43	1st	25
7/5/2025	Cloudy	9:43	2nd	20
7/5/2025	Cloudy	10:43	3rd	18
7/11/2025	Fine	8:50	1st	28
7/11/2025	Fine	9:50	2nd	38
7/11/2025	Fine	10:50	3rd	31
7/17/2025	Fine	8:50	1st	40
7/17/2025	Fine	9:50	2nd	50
7/17/2025	Fine	10:50	3rd	45
7/23/2025	Cloudy	13:23	1st	51
7/23/2025	Cloudy	14:23	2nd	56
7/23/2025	Cloudy	15:23	3rd	48
7/29/2025	Cloudy	8:50	1st	31
7/29/2025	Cloudy	9:50	2nd	35
7/29/2025	Cloudy	10:50	3rd	30

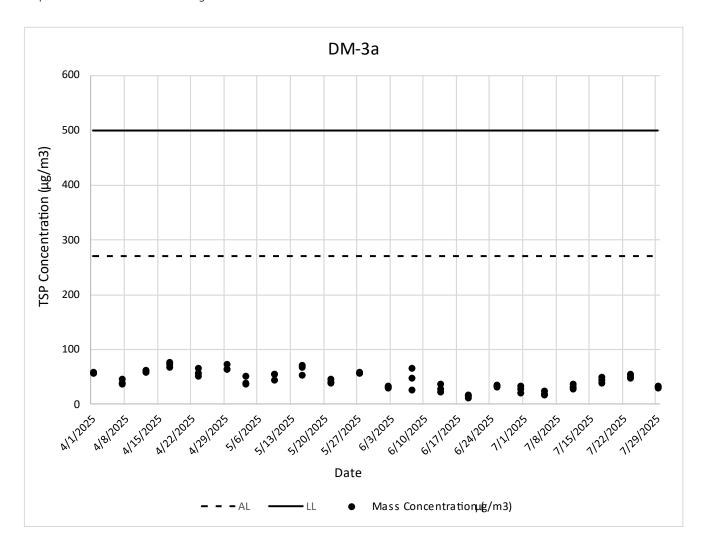
Summary of Construction Phase 1-hour TSP Monitoring Results

•	<u> </u>				
	TSP Concentration, μg/m ³				
Monitoring Stations	Average	Range			
DM-1	55	37 - 92			
DM-2a	36	20 - 61			
DM-3a	36	18 - 56			











NM-1a (30 minutes between 0700 and 1900)

Start Date	Time	LAeq(dB(A))	LA90(dB(A))	LA10(dB(A))	Remark(s)
7/11/2025	08:33	65.8	63.5	68.5	
7/17/2025	13:53	66.7	64.5	69.0	
7/23/2025	14:01	67.1	64.5	69.5	
7/29/2025	08:20	66.8	63.5	70.0	

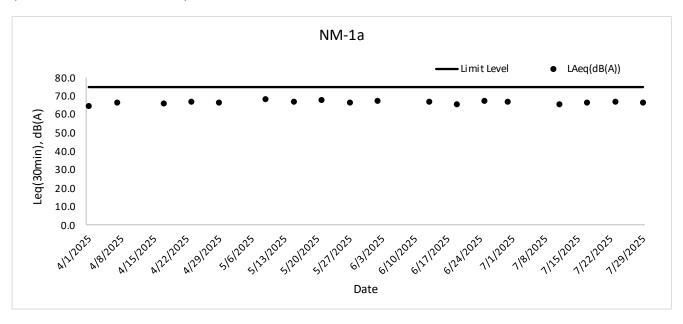
NM-2 (30 minutes between 0700 and 1900)

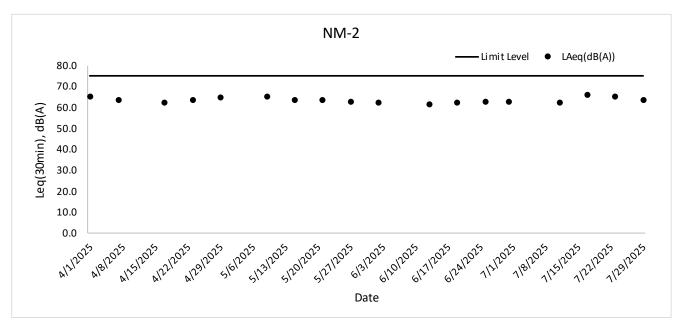
Start Date	Time	LAeq(dB(A))	LA90(dB(A))	LA10(dB(A))	Remark(s)
7/11/2025	11:03	62.2	60.5	64.0	
7/17/2025	14:39	65.9	63.5	68.0	
7/23/2025	14:38	65.3	62.5	67.5	
7/29/2025	11:00	63.5	60.0	66.0	

Summary of Construction Phase Noise Monitoring Results

LAeq (30 mins) between 0700 and 1900

Monitoring Station ID	Location	Min in dB(A)	Max in dB(A)	Average in dB(A)
NM-1a	Fortune Garden	65.8	67.1	66.6
NM-2	Village House at 53 Ting Kok Road	62.2	65.9	64.5







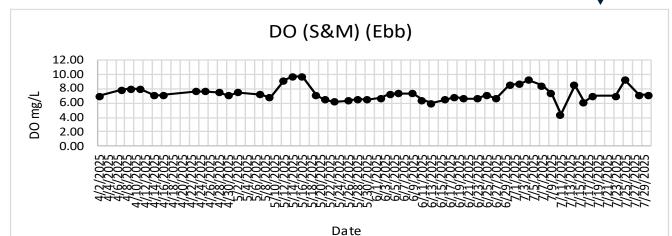
•								Wa	ter Tempe	rature		DO Saturatio	on		DO mg/L			Salinity			pН			Turbidity	1	S	uspended Soli	ds
									٠			%			mg/L			ppt			-			NIU			mg/L	
Date	Time	Weather Condition	Sea Condition	Tide	Location	Sampling Depth	(m)	Water Temp.	Water Temp.	Water Temp.	DO Sat. R1	DO Sat. R2	DO Sat. Average	DO R1	DO R2	DO Depth- Average	Salinity R1	Salinity R2	Salinity Average	pH R1	pH R2	pH Average	Tur. R1	Tur. R2	Tur. Average	SS ⁽¹⁾ R1	SS ⁽¹⁾ R2	SS Average
7/2/2025	10:25	Fine	Smooth	Mid Fbb	WM-1	Surface	1.0	R1	R2 29.33	Average 29.35	129.3	129.5	129.4	8.66	8.68	8.67	23.96	23.97	23.97	8.59	8.60	8.60	1.34	1.31	Arciago	11	11	Average
7/2/2025	16:35	Fine	Smooth	Mid Ebb	WM-1 WM-1	Middle	1.0	29.36	29.33	29.35	129.3	129.5	129.4	8.66	8.68	8.67	23.96	23.97	23.97	8.59	8.60	8.60	1.34	1.31	1.04	11	11	11
7/2/2025	17.00	Fine	Smooth	Mid Ebb	WM-1 WM-2	Bottom	4.8	29.26	29.21	29.24	136.0	135.8	135.9	8.96	8.95	8.96	27.21	27.19	27.20	8.64	8.62	8.63	0.75	0.77		11 12	10	
7/2/2025 7/2/2025	17:00	Fine	Smootn	Mid Ebb Mid Ebb	WM-2	Surface Middle	1.0 3.3	29.60 29.37	29.63 29.35	29.62 29.36	140.5 138.6	140.7 138.5	140.6 138.6	9.30 9.11	9.31 9.10	9.21	26.85 27.19	26.87 27.20	26.86 27.20	8.62 8.67	8.59 8.69	8.61 8.68	0.88	0.81	0.91	14	12 14	13
7/2/2025		-		Mid Ebb	WM-2	Bottom	5.6	29.50	29.48	29.49	135.8	135.5	135.7	8.90	8.88	8.89	27.45	27.41	27.43	8.65	8.62	8.64	1.05	1.09		14	14	
7/2/2025 7/2/2025	9:00	Fine	Smooth	Mid Flood Mid Flood	WM-1 WM-1	Surface Middle	1.0	29.28	29.24	29.26	127.0	126.5	126.8	8.52	8.48	8.50	23.96	23.97	23.97	8.52	8.50	8.51	1.14	1.10	1.00	14	13	14
7/2/2025				Mid Flood	WM-1	Bottom	4.6	29.26	29.25	29.26	135.9	135.4	135.7	8.95	8.91	8.93	27.21	27.20	27.21	8.62	8.63	8.63	0.84	0.91		14	13	
7/2/2025 7/2/2025	9:25	Fine	Smooth	Mid Flood Mid Flood	WM-2 WM-2	Surface Middle	1.0 3.2	29.61	29.58	29.60	142.2 134.5	142.0 135.0	142.1 134.8	9.34 8.86	9.32 8.89	9.10	26.90 27.14	26.92 27.15	26.91 27.15	8.57 8.66	8.53 8.68	8.55 8.67	1.11 0.93	1.08 0.95	1.04	13 12	13 13	12
7/2/2025				Mid Flood	WM-2	Bottom	5.4	29.42	29.40	29.41	136.1	135.6	135.9	8.98	8.95	8.97	27.39	27.41	27.40	8.65	8.62	8.64	1.04	1.11		11	11	
7/4/2025 7/4/2025	13:00	Fine	Smooth	Mid Ebb Mid Ebb	WM-1 WM-1	Surface Middle	1.0	30.66	30.64	30.65	141.6	143.2	142.4	9.19	9.30	9.25	26.21	26.22	26.22	8.62	8.60	8.61	0.84	0.81	0.86	4	5	5
7/4/2025				Mid Ebb	WM-1	Bottom	4.5			30.32	147.5	147.2	147.4	9.60	9.58	9.59	26.35			8.69	8.68	8.69	0.89			4	5	
7/4/2025 7/4/2025	13:25	Fine	Smooth	Mid Ebb Mid Ebb	WM-2 WM-2	Surface Middle	1.0 3.2	30.75 30.14	30.72	30.74 30.12	141.3 148.9	141.9 147.9	141.6 148.4	9.17	9.19 9.65	9.43	25.59 26.41	25.60 26.43	25.60 26.42	8.44	8.43 8.65	8.44 8.67	0.98	0.92	0.93	4	5	5
7/4/2025				Mid Ebb	WM-2	Bottom	5.4	29.90	29.88	29.89	138.9	138.3	138.6	9.72	9.08	9.09	26.60	26.43	26.42	8.66	8.64	8.65	1.12	1.08	0.55	5	4	1 1
7/4/2025	15:35	Fine	Smooth	Mid Flood	WM-1 WM-1	Surface Middle	1.0	30.65	30.62	30.64	143.8	142.5	143.2	9.32	9.28	9.30	26.21	26.23	26.22	8.65	8.63	8.64	0.81	0.84	0.88	5	6	6
7/4/2025 7/4/2025				Mid Flood Mid Flood	WM-1 WM-1	Middle Bottom	4.7	30.21	30.18	30.20	145.9	145.6	145.8	9.51	9.49	9.50	26.36	26.38	26.37	8.68	8.65	8.67	0.94	0.93	0.00	5	6	
7/4/2025	16:00	Fine	Smooth	Mid Flood	WM-2	Surface	1.0	31.05	31.01	31.03	144.9	144.4	144.7	9.35	9.33	9.54	25.44	25.46	25.45	8.56	8.52	8.54	0.97	0.93		5	6	
7/4/2025 7/4/2025				Mid Flood Mid Flood	WM-2 WM-2	Middle Bottom	3.3 5.6	30.21 29.94	30.18 29.90	30.20 29.92	149.5 147.0	148.7 146.5	149.1 146.8	9.75 9.61	9.71 9.57	9.59	26.35 26.59	26.37 26.58	26.36 26.59	8.68 8.67	8.65 8.63	8.67 8.65	0.95 1.11	0.88 1.09	0.99	6	5	5
7/7/2025	10:00	Fine	Moderate	Mid Ebb	WM-1	Surface	1.0		31.15		132.0	131.2	131.6	8.50	8.45	8.48	25.96	25.95	25.96	8.54	8.53	8.54	0.96	0.93		7	6	
7/7/2025 7/7/2025				Mid Ebb Mid Ebb	WM-1 WM-1	Middle Bottom	4.4	30.64	30.61	30.63	137.5	137.1	137.3	8.90	8.86	8.88	26.31	26.28	26.30	8.59	8.53	8.56	1.00	1.10	1.00	4	5	6
7/7/2025	10:25	Fine	Moderate	Mid Ebb	WM-2	Surface	1.0	31.20	31.09	31.15	135.8	134.9	135.4	8.72	8.65	8.79	25.84	25.83	25.84	9.46	9.45	9.46	0.98	0.97		5	6	
7/7/2025				Mid Ebb Mid Ebb	WM-2 WM-2	Middle Bottom	3.2 5.4	30.76 30.16	30.71	30.74	138.6 116.9	138.4 116.7	138.5	8.89 7.61	8.88 7.59	7.60	26.23	26.21	26.22	8.56 8.50	8.57 8.50	8.57 8.50	1.11	1.09	1.17	7	6 7	6
7/7/2025	17:35	Fine	Moderate	Mid Flood	WM-1	Surface	1.0	31.22	31.20	31.21	133.8	133.6	133.7	8.60	8.59	8.60	25.93	25.94	25.94	8.54	8.50	8.50	1.02	0.99		6	7	
7/7/2025				Mid Flood	WM-1	Middle																			1.05			7
7/7/2025 7/7/2025	18:00	Fine	Moderate	Mid Flood Mid Flood	WM-1 WM-2	Bottom Surface	4.6 1.0	30.72 31.25	30.74	30.73 31.26	142.3 136.7	142.0 136.5	142.2 136.6	9.19 8.78	9.16 8.76	9.18	26.31 25.86	26.32	26.32 24.87	8.58 8.49	8.57 8.43	8.58 8.46	1.10 0.84	1.07 0.91		6	6	
7/7/2025				Mid Flood	WM-2	Middle	3.3	30.76	30.73	30.75	142.7	142.4	142.6	9.23	9.20	8.99	26.26	26.27	26.27	8.57	8.58	8.58	1.14	1.16	1.11	7	6	6
7/7/2025 7/9/2025	12:00	Cloudy	Smooth	Mid Flood Mid Ebb	WM-2 WM-1	Bottom Surface	5.6	30.20	30.18	30.19	118.1	119.3	118.7	7.68	7.70	7.69	26.70 26.65	26.71	26.71	8.49 8.41	8.50 8.41	8.50 8.41	1.31 0.88	1.30		6	6	
7/9/2025	12.00	cloudy	Sillootii	Mid Ebb	WM-1	Middle	1.0	31.02	31.02						7.50			20.03	20.00		0.41				0.92		Ü	7
7/9/2025	12:25	Cloudy	Smooth	Mid Ebb Mid Ebb	WM-1 WM-2	Bottom Surface	4.6	29.95	29.95	29.95	70.9 117.8	71.1 118.0	71.0	4.62 7.57	4.64 7.59	4.63	27.38	27.38	27.38	8.35 8.42	8.35 8.42	8.35 8.42	0.94	0.96		8 7	8	
7/9/2025	12.23	Cloudy	Jillootii	Mid Ebb	WM-2	Middle	3.3	29.77	29.77	29.77	72.7	72.9	72.8	4.74	4.76	6.17	27.50	27.50	27.50	8.32	8.32	8.32	0.91	0.93	0.92	8	8	8
7/9/2025 7/9/2025	18:35	Cloudy	Cmooth	Mid Ebb Mid Flood	WM-2 WM-1	Bottom Surface	5.6 1.0	28.97 31.11	28.97 31.11	28.97 31.11	48.2 113.7	48.4 113.5	48.3 113.6	3.17 7.29	3.19 7.27	3.18 7.28	28.57 26.60	28.57	28.57 26.60	8.19 8.42	8.19 8.42	8.19 8.42	0.96	0.99		8	8	
7/9/2025	10.55	Cloudy	311100111	Mid Flood	WM-1	Middle	1.0	31.11	31.11	31.11	115.7	115.5	115.0	7.25	1.21	7.20	20.00	26.60	20.00	0.42	0.42	0.42	0.91	0.55	0.95	,	٥	7
7/9/2025	10.00	Claudi	Connecth	Mid Flood	WM-1	Bottom	4.8	29.63	29.63	29.63	60.3	60.5	60.4	3.94	3.96	3.95	27.69	27.69	27.69	8.29	8.29	8.29	0.96	0.99		7	7	
7/9/2025 7/9/2025	19:00	Cloudy	Smooth	Mid Flood Mid Flood	WM-2	Surface Middle	1.0 3.4	30.83 29.62	30.83 29.62	30.83 29.62	112.6 65.4	112.8 65.6	112.7 65.5	7.26 4.27	7.28 4.29	5.78	26.58 27.64	26.58	26.58 27.64	8.42 8.32	8.42 8.32	8.42 8.32	0.81	0.83	0.94	7	6	6
7/9/2025				Mid Flood	WM-2	Bottom	5.8	29.03	29.03	29.03	49.3	49.5	49.4	3.24	3.26	3.25	28.46	28.46	28.46	8.19	8.19	8.19	1.04	1.06		6	5	
7/11/2025 7/11/2025	13:02	Cloudy	Calm	Mid Ebb Mid Ebb	WM-1 WM-1	Surface Middle	1.0	29.35	29.34	29.35	61.1	61.6	61.4	4.34	4.40	4.37	28.31	28.34	28.33	7.71	7.94	7.83	0.39	0.41	0.50	7	7	7
7/11/2025				Mid Ebb	WM-1	Bottom	3.8	28.48	28.44	28.46	47.3	47.1	47.2	3.22	3.20	3.21	30.17	30.19	30.18	7.96	7.98	7.97	0.59	0.61		7	7	
7/11/2025 7/11/2025	13:19	Cloudy	Calm	Mid Ebb Mid Ebb	WM-2 WM-2	Surface Middle	1.0 4.0	29.12 28.64	29.10 28.66	29.11	78.8 72.6	79.1 72.8	79.0 72.7	5.52 5.38	5.57 5.40	5.47	28.15 29.51	28.17 29.54	28.16 29.53	7.96 7.99	7.98 8.01	7.97 8.00	0.34	0.35	0.30	7	7	6
7/11/2025				Mid Ebb	WM-2	Bottom	7.0	26.79	26.82	26.81	50.4	50.2	50.3	3.36	3.30	3.33	32.07	32.09	32.08	8.04	8.06	8.05	0.30	0.33		6	5	
7/11/2025 7/11/2025	19:02	Cloudy	Calm	Mid Flood Mid Flood	WM-1 WM-1	Surface Middle	1.0	29.32	29.30	29.31	64.7	64.9	64.8	4.52	4.55	4.54	28.34	28.36	28.35	8.01	8.03	8.02	0.58	0.62	0.54	6	7	6
7/11/2025				Mid Flood	WM-1	Bottom	4.0	28.97	28.95	28.96	49.3	49.1	49.2	3.29	3.27	3.28	31.03	31.06	31.05	7.98	7.99	7.99	0.47	0.49		6	6	
7/11/2025 7/11/2025	19:21	Cloudy	Calm	Mid Flood Mid Flood	WM-2 WM-2	Surface Middle	1.0 4.0	29.08 26.82	29.06 26.81	29.07 26.82	85.2 73.0	85.0 72.8	85.1 72.9	6.28 5.61	6.26 5.58	5.93	28.35 31.77	28.33 31.81	28.34 31.79	7.95 7.97	7.96 7.98	7.96 7.98	0.23	0.27	0.36	7	6	6
7/11/2025				Mid Flood	WM-2	Bottom	6.9	25.56	25.52	25.54	51.1	50.8	51.0	3.33	3.27	3.30	33.29	33.31	33.30	8.03	8.02	8.03	0.50	0.52	0.50	6	5	
7/14/2025	13:35	Cloudy	Smooth	Mid Ebb Mid Ebb	WM-1 WM-1	Surface Middle	1.0	29.97	29.97	29.97	131.9	131.7	131.8	8.57	8.55	8.56	27.98	27.98	27.98	8.60	8.20	8.40	1.27	1.25	1.15	8	8	
7/14/2025 7/14/2025				Mid Ebb	WM-1 WM-1	Bottom	4.5	27.73	27.73	27.73	37.8	37.5	37.7	2.50	2.48	2.49	31.14	31.14	31.14	8.63	8.63	8.63	1.02	1.05	1.15	10	11	9
7/14/2025	14:00	Cloudy	Smooth	Mid Ebb	WM-2	Surface	1.0	29.37	29.37	29.37	104.7	104.5	104.6	6.84	6.82	5.26	29.22	29.22	29.22	8.95	8.95	8.95	1.23	1.25	0.70	10	9	10
7/14/2025 7/14/2025				Mid Ebb Mid Ebb	WM-2 WM-2	Middle Bottom	3.3 5.5	27.00 26.30	27.00	27.00 26.30	45.6 38.5	45.4 38.7	45.5 38.6	3.70 3.25	3.68 3.27	3.26	31.90 32.47	31.90 32.47	31.90 32.47	8.55 8.53	8.65 8.53	8.60 8.53	0.50	0.54	0.70	10 9	11 10	10
7/14/2025	11:00	Cloudy	Smooth	Mid Flood	WM-1	Surface	1.0	30.38	30.38	30.38	135.3	135.5	135.4	8.74	8.76	8.75	27.92	27.92	27.92	8.54	8.54	8.54	1.31	1.33		9	9	
7/14/2025 7/14/2025				Mid Flood Mid Flood	WM-1	Middle Bottom	4.7	27.71	27.71	27.71	39.9	40.0	40.0	3.59	3.60	3.60	31.19	31.19	31.19	8.62	8.62	8.62	0.74	0.76	1.04	9	10	9
7/14/2025	11:25	Cloudy	Smooth	Mid Flood	WM-2	Surface	1.0	28.99	28.99	28.99	105.3	105.5	105.4	6.87	6.89	5.00	29.12	29.12	29.12	8.85	8,85	8.85	1.16	1.18		11	11	
7/14/2025 7/14/2025				Mid Flood Mid Flood	WM-2 WM-2	Middle Bottom	3.4 5.7	27.13 26.34	27.13 26.34	27.13 26.34	41.3 27.7	41.5 27.9	41.4 27.8	3.10 2.17	3.12 2.19	2.18	31.87 32.49	31.87 32.49	31.87 32.49	8.55 8.49	8.55 8.49	8.55 8.49	0.52	0.54	0.73	12 11	11 12	11
7/14/2025	14:35	Fine	Smooth	Mid Ebb	WM-1	Surface	1.0	27.52	27.52	27.52	92.1	92.3	92.2	6.10	6.12	6.11	31.40	31.40	31.40	8.49	8.49	8.49	0.49	1.01		13	13	
7/16/2025				Mid Ebb	WM-1	Middle	4.5	20.00	20.02	26.62	25.5	25.0	25.7	2.70	2.72	2.72	22.27	22.27	22.25	0.47	0.47	8.47	1.12	1.15	1.07	11	- 11	12
7/16/2025 7/16/2025	15:00	Fine	Smooth	Mid Ebb Mid Ebb	WM-1 WM-2	Bottom Surface	4.5 1.0	26.62 27.99	26.62 27.99	26.62 27.99	35.5 109.9	35.8 111.0	35.7 110.5	2.70 7.24	2.73 7.25	5.04	32.37 30.98	32.37 30.98	32.37 30.98	8.47 8.90	8.47 8.90	8.47 8.90	1.12	1.15		11 12	11	
1			•		1						1	1	1			5.04	1		1			1	1		1		1	

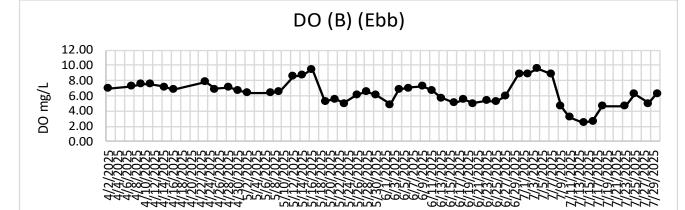
<u>. </u>								Wa	ter Temp	erature		DO Saturatio	on		DO mg/L			Salinity ppt			pH -			Turbidity NTU		S	iuspended Soli mg/L	ids
Date	Time	Weather Condition	Sea Condition	Tide	Location	Sampling Depth	(m)	Water Temp. R1	Water Temp. R2	Water Temp. Average	DO Sat. R1	DO Sat. R2	DO Sat. Average	DO R1	DO R2	DO Depth- Average	Salinity R1	Salinity R2	Salinity Average	pH R1	pH R2	pH Average	Tur. R1	Tur. R2	Tur. Average	SS ⁽¹⁾ R1	SS ⁽¹⁾ R2	SS Average
7/16/2025				Mid Ebb	WM-2	Middle	3.3	26.39	26.39	26.39	42.0	42.2	42.1	2.82	2.84	J	32.25	32.25	32.25	8.60	8.60	8.60	0.79	0.81	0.85	12	13	13
7/16/2025				Mid Ebb	WM-2	Bottom	5.6	29.31	29.31	29.31	26.7	26.7	26.7	2.45	2.47	2.46	33.31	33.31	33.31	8.42	8.42	8.42	0.68	0.70		13	12	1
7/16/2025	9:00	Fine	Smooth	Mid Flood	WM-1	Surface	1.0	28.07	28.07	28.07	100.3	100.5	100.4	6.61	6.63	6.62	31.34	31.34	31.34	8.77	8.77	8.77	1.04	1.06		12	12	
7/16/2025 7/16/2025				Mid Flood Mid Flood	WM-1 WM-1	Middle Bottom	4.7	26.63	26.63	26.63	41.1	41.3	41.2	3.04	3.06	3.05	32.33	32.33	32.33	8.51	8.51	8.51	1.00	1.02	1.03	12	12	12
7/16/2025	9:25	Fine	Smooth	Mid Flood		Surface	1.0	28.13	28.13	28.13	110.8	111.0	110.9	7.30	7.32	5.48	30.90	30.90	30.90	8.91	8.91	8.91	1.02	1.04		12	11	_
7/16/2025				Mid Flood		Middle	3.4	26.52	26.52	26.52	49.8	49.6	49.7	3.67	3.64		32.32	32.32	32.32	8.55	8.55	8.55	0.75	0.77	0.84	10	11	11
7/16/2025 7/18/2025	12:00	Cloudy	Smooth	Mid Flood Mid Ebb	WM-2 WM-1	Bottom Surface	5.7 1.0	25.54	25.54 27.51	25.54 27.51	28.6 103.1	28.6 103.3	28.6 103.2	2.60 6.99	2.60 7.01	2.60 7.00	33.29 28.10	33.29 28.10	33.29 28.10	8.41 8.14	8.41 8.14	8.41 8.14	0.71 1.04	0.73 1.06		12 11	12 11	
7/18/2025	12.00	Cloudy	311100111	Mid Ebb	WM-1	Middle	1.0	27.31	27.31	27.51	105.1	105.5	105.2	0.55	7.01	7.00	20.10	20.10	26.10	0.14	0.14	0.14	1.04	1.06	1.09	11	- 11	11
7/18/2025				Mid Ebb	WM-1	Bottom	4.6	26.93	26.93	26.93	69.4	69.6	69.5	4.63	4.65	4.64	31.11	31.11	31.11	8.17	8.17	8.17	1.11	1.13		11	12	
7/18/2025 7/18/2025	12:25	Cloudy	Smooth	Mid Ebb Mid Ebb	WM-2 WM-2	Surface Middle	1.0 3.3	27.39	27.39 26.73	27.39 26.73	99.4 63.9	99.6 63.7	99.5 63.8	6.68 4.28	6.70 4.26	5.48	28.83 31.30	28.83 31.30	28.83 31.30	8.09 8.12	8.09 8.12	8.09 8.12	1.08	1.10	1.15	12	12 13	13
7/18/2025				Mid Ebb	WM-2	Bottom	5.6	24.82	24.82	24.82	32.3	32.5	32.4	2.21	2.23	2.22	33.34	33.34	33.34	8.23	8.23	8.23	1.22	1.15	1.13	13	12	- 13
7/18/2025	17:35	Cloudy	Smooth	Mid Flood	WM-1	Surface	1.0	27.49	27.49	27.49	104.0	104.2	104.1	7.04	7.06	7.05	27.39	27.39	27.39	8.11	8.11	8.11	0.99	1.02		14	14	
7/18/2025				Mid Flood		Middle	4.0	26.00	20.00	20.00	CF 7	CF F	CF C	4.40	4.20	4.20	24.26	24.26	24.26	0.22	0.22	0.22	1.04	1.00	1.03	13	12	13
7/18/2025 7/18/2025	18:00	Cloudy	Smooth	Mid Flood Mid Flood	WM-1 WM-2	Bottom Surface	4.8 1.0	26.90	26.90	26.90 27.42	65.7 103.0	65.5 103.2	65.6 103.1	4.40 6.94	4.38 6.96	4.39	31.26 28.38	31.26 28.38	31.26 28.38	8.22 8.10	8.22 8.10	8.22 8.10	1.04 0.98	1.06		13	12	-
7/18/2025		0.000		Mid Flood	WM-2	Middle	3.4	26.83	26.83	26.83	67.2	67.4	67.3	4.51	4.53	5.74	31.24	31.24	31.24	8.14	8.14	8.14	1.15	1.18	1.14	13	13	13
7/18/2025				Mid Flood		Bottom	5.8	24.73	24.73	24.73	30.1	30.3	30.2	2.06	2.08	2.07	33.37	33.37	33.37	8.24	8.24	8.24	1.25	1.30		12	12	
7/23/2025 7/23/2025	12:00	Cloudy	Smooth	Mid Ebb Mid Ebb	WM-1 WM-1	Surface Middle	1.0	27.51	27.51	27.51	103.1	103.3	103.2	6.99	7.01	7.00	28.10	28.10	28.10	8.14	8.14	8.14	1.04	1.06	1.09	7	6	7
7/23/2025				Mid Ebb	WM-1	Bottom	4.6	26.93	26.93	26.93	69.4	69.6	69.5	4.63	4.65	4.64	31.11	31.11	31.11	8.17	8.17	8.17	1.11	1.13	. 1.05	7	6	
7/23/2025	12:25	Cloudy	Smooth	Mid Ebb	WM-2	Surface	1.0	27.39	27.39	27.39	99.4	99.6	99.5	6.68	6.70	6.69	28.83	28.83	28.83	8.09	8.09	8.09	1.08	1.10		6	6	
7/23/2025				Mid Ebb	WM-2	Middle	3.3	26.73	26.73	26.73	63.9	63.7	63.8	4.28	4.26	4.27	31.30	31.30	31.30	8.12	8.12	8.12	1.11	1.13	1.15	6	6	6
7/23/2025 7/23/2025	17:35	Cloudy	Smooth	Mid Ebb Mid Flood	WM-2 WM-1	Bottom Surface	5.6 1.0	24.87	24.82	24.85 27.49	32.3 104.0	32.5 104.2	32.4 104.1	2.21 7.04	2.23 7.06	2.22 7.05	33.34 27.39	33.34 27.39	33.34 27.39	8.23 8.11	8.23 8.11	8.23 8.11	1.22	1.25		7	8	
7/23/2025	27.00			Mid Flood		Middle					20.110							21100	27.00	0.11		0.22			1.12		سند	7
7/23/2025				Mid Flood		Bottom	4.8	26.90	26.90	26.90	65.7	65.5	65.6	4.40	4.38	4.39	31.26	31.26	31.26	8.22	8.22	8.22	1.13	1.15	2	7	6	
7/23/2025 7/23/2025	18:00	Cloudy	Smooth	Mid Flood Mid Flood	WM-2 WM-2	Surface Middle	1.0 3.4	27.42 26.83	27.42 26.83	27.42	103.0 67.2	103.2 67.4	103.1 67.3	6.94 4.51	6.96 4.53	6.95 4.52	28.38 31.24	28.38 31.24	28.38 31.24	8.10 8.14	8.10 8.14	8.10 8.14	0.98 1.15	1.00	1.14	6	7	- 6
7/23/2025				Mid Flood		Bottom	5.8	24.73	24.73	24.73	30.1	30.3	30.2	2.06	2.08	2.07	33.37	33.37	33.37	8.24	8.24	8.24	1.25	1.30		6	6	1 1
7/25/2025	13:02	Rainy	Smooth	Mid Ebb	WM-1	Surface	1.0	28.27	28.25	28.26	140.5	140.4	140.5	9.24	9.22	9.23	30.59	30.57	30.58	8.04	8.05	8.05	0.74	0.75		13	13	
7/25/2025				Mid Ebb	WM-1	Middle		06.50	20.55	0054	00.7	00.5	00.0		6.00	6.05	22.02	22.05	22.01	0.40	0.07	0.00	0.11		0.59	10	- 12	13
7/25/2025 7/25/2025	13:34	Rainy	Smooth	Mid Ebb Mid Ebb	WM-1 WM-2	Bottom Surface	4.7 1.0	26.52 27.53	26.55 27.52	26.54 27.53	93.7 130.3	93.5 130.6	93.6 130.5	6.26 8.63	6.23	6.25	32.83 31.37	32.85 31.35	32.84 31.36	8.10 8.08	8.07 8.11	8.09 8.10	0.41	0.44		13	13 12	
7/25/2025	13.34	Railly	SHIOOTH	Mid Ebb	WM-2	Middle	3.4	27.17	27.14	27.16	118.6	118.4	118.5	7.88	7.84	7.76	31.91	31.93	31.92	8.05	8.04	8.05	0.36	0.39	0.42	13	14	14
7/25/2025				Mid Ebb	WM-2	Bottom	5.8	25.88	25.86	25.87	78.7	78.5	78.6	5.30	5.27	5.29	33.19	33.21	33.20	8.12	8.14	8.13	0.45	0.47		15	16	1
7/25/2025 7/25/2025	9:11	Rainy	Smooth	Mid Flood Mid Flood	WM-1 WM-1	Surface Middle	1.0	27.94	27.92	27.93	137.6	137.4	137.5	9.07	9.04	9.06	31.05	31.07	31.06	8.16	8.15	8.16	0.44	0.41	0.45	17	16	18
7/25/2025				Mid Flood		Bottom	4.8	26.33	26.35	26.34	93.2	93.0	93.1	6.25	6.22	6.24	32.99	32.98	32.99	8.35	8.33	8.34	0.46	0.49	0.45	19	18	10
7/25/2025	9:33	Rainy	Smooth	Mid Flood	WM-2	Surface	1.0	27.67	27.66	27.67	137.0	136.7	136.9	9.07	9.10	8.43	31.12	31.14	31.13	8.12	8.11	8.12	0.45	0.43		15	15	
7/25/2025				Mid Flood		Middle	3.5	27.18	27.14	27.16	117.3	117.1	117.2	7.79	7.77		31.84	31.83	31.84	8.14	8.17	8.16	0.37	0.35	0.40	17	18	16
7/25/2025 7/28/2025	14:35	Cloudy	Smooth	Mid Flood Mid Ebb	WM-2 WM-1	Bottom Surface	5.9 1.0	26.15 27.15	26.17 27.15	26.16 27.15	84.2 108.1	84.7 108.3	84.5 108.2	5.69 7.14	5.71 7.16	5.70 7.15	32.95 32.94	32.97 32.94	32.96 32.94	8.08 8.73	8.06 8.73	8.07 8.73	0.38	0.40		16 7	17 8	
7/28/2025	14.55	cioudy	Sillotti	Mid Ebb	WM-1	Middle	1.0	27.13	27.23	27.13	100.1	100.5	100.2	7.24	7.10	7.13	32.34	32.34	32.34	0.75	0.75	0.75	0.00	0.02	0.86		_ ن	8
7/28/2025				Mid Ebb	WM-1	Bottom	4.6	26.01	26.01	26.01	74.4	74.6	74.5	5.00	5.02	5.01	33.48	33.48	33.48	8.60	8.60	8.60	0.89	0.91		8	8	
7/28/2025 7/28/2025	15:00	Cloudy	Smooth	Mid Ebb Mid Ebb	WM-2 WM-2	Surface Middle	1.0 3.3	27.04	27.04 25.99	27.04 25.99	97.6 75.0	97.8 75.2	97.7 75.1	6.48 5.07	6.50 5.09	5.79	32.39 33.69	32.39 33.69	32.39 33.69	8.75 8.60	8.75 8.60	8.75 8.60	0.82 1.11	0.84 1.13	1.08	8 9	9	9
7/28/2025				Mid Ebb	WM-2	Bottom	5.5	25.07	25.07	25.07	52.8	53.0	52.9	3.50	3.60	3.55	33.89	33.89	33.89	8.54	8.54	8.54	1.28	1.30	1.00	10	9	1 1
7/28/2025	11:00	Cloudy	Smooth	Mid Flood		Surface	1.0	27.05	27.05	27.05	107.4	107.6	107.5	7.09	7.11	7.10	37.95	37.95	37.95	8.72	8.72	8.72	0.74	0.76		8	9	
7/28/2025				Mid Flood	WM-1	Middle		20.00	20.00	20.00	75.0	26.6	75.0	5.04		E 05	22.47	22.47	22.47	0.50	0.50	0.50	0.00		0.82	8		9
7/28/2025 7/28/2025	11:25	Cloudy	Smooth	Mid Flood Mid Flood	WM-1 WM-2	Bottom Surface	4.8 1.0	26.06 27.06	26.06 27.06	26.06 27.06	75.2 98.5	75.5 98.8	75.3 98.7	5.04 6.53	5.06 6.56	5.05	33.47 32.56	33.47 32.56	33.47 32.56	8.59 8.73	8.59 8.73	8.59 8.73	0.88	0.90		8	9	
7/28/2025	11.25	cloudy	Sillotti	Mid Flood		Middle	3.4	26.03	26.03	26.03	81.5	81.7	81.6	5.49	5.51	6.02	33.20	33.20	33.20	8.60	8.60	8.60	1.04	1.06	1.05	10	10	9
7/28/2025				Mid Flood		Bottom	5.7	25.09	25.09	25.09	55.4	55.6	55.5	3.72	3.74	3.73	33.88	33.88	33.88	8.53	8.53	8.53	1.31	1.34		9	10	1
7/30/2025 7/30/2025	15:02	Cloudy	Smooth	Mid Ebb Mid Ebb	WM-1 WM-1	Surface Middle	1.0	28.12	28.13	28.13	109.6	109.3	109.5	7.18	7.16	7.17	31.37	31.38	31.38	8.44	8.44	8.44	0.82	0.79	0.97	7	8	7
7/30/2025				Mid Ebb	WM-1	Bottom	4.9	27.02	27.01	27.02	95.2	95.4	95.3	6.31	6.32	6.32	32.68	32.69	32.69	8.39	8.38	8.39	1.12	1.15	0.57	7	7	1
7/30/2025	15:19	Cloudy	Smooth	Mid Ebb	WM-2	Surface	1.0	28.49	28.49	28.49	113.8	114.2	114.0	7.44	7.47	7.09	31.87	31.86	31.87	8.50	8.49	8.50	0.93	0.91		9	8	
7/30/2025				Mid Ebb	WM-2	Middle	3.7	27.73	27.72	27.73	102.3	102.6	102.5	6.72	6.74		32.30	32.31	32.31	8.46	8.45	8.46	1.01	1.04	1.07	7	7	8
7/30/2025 7/30/2025	8:10	Cloudy	Smooth	Mid Ebb Mid Flood	WM-2 WM-1	Bottom Surface	6.4 1.0	26.83	26.84 27.70	26.84	94.0	94.1	94.1 104.8	6.31	6.31	6.31	33.05 32.49	33.04 32.49	33.05 32.49	8.27 8.49	8.27 8.48	8.27 8.49	1.28 0.53	1.25 0.58		7	7 8	\vdash
7/30/2025	0.10	Cloudy	Jillouil	Mid Flood		Middle	1.0	27.70	27.70	27.70	104.7	104.3	104.0	0.07	0.00	0.00	32.43	32.43	32.43	0.43	0.40	0.43	0.33	0.30	0.71		, and	8
7/30/2025				Mid Flood	WM-1	Bottom	4.8	26.47	26.47	26.47	91.8	92.2	92.0	6.05	6.08	6.07	33.36	33.35	33.36	8.42	8.41	8.42	0.85	0.88		8	7	
7/30/2025 7/30/2025	8:28	Cloudy	Smooth	Mid Flood Mid Flood		Surface Middle	1.0 3.6	28.04	28.04 27.37	28.04 27.38	111.1 100.9	111.3 101.4	111.2 101.2	7.27 6.67	7.28 6.71	6.98	31.41 32.82	31.42 32.82	31.42 32.82	8.53 8.49	8.55 8.48	8.54 8.49	0.71	0.70 0.95	0.93	9	8	
7/30/2025				Mid Flood		Bottom	6.2	26.23	26.24	26.24	92.1	92.3	92.2	6.16	6.17	6.17	33.40	33.39	33.40	8.49	8.44	8.45	1.13	1.18	0.55	7	7	
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Summary of Water Quality Construction Phase Monitoring Results

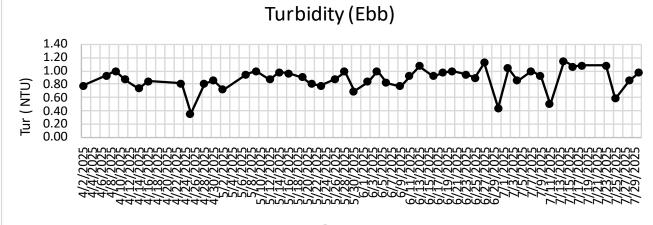
Date	Tide	Location	DO (S&M)	DO (B)	TUR	SS		Date	Tide	Location	DO (S&M)	DO (B)	TUR	SS
7/2/2025	Mid Ebb	WM-1	8.67	8.96	1.04	11		7/2/2025	Mid Flood	WM-1	8.50	8.93	1.00	14
7/4/2025	Mid Ebb	WM-1	9.25	9.59	0.86	5		7/4/2025	Mid Flood	WM-1	9.30	9.50	0.88	6
7/7/2025	Mid Ebb	WM-1	8.48	8.88	1.00	6		7/7/2025	Mid Flood	WM-1	8.60	9.18	1.05	7
7/9/2025	Mid Ebb	WM-1	7.35	4.63	0.92	7		7/9/2025	Mid Flood	WM-1	7.28	3.95	0.95	7
7/11/2025	Mid Ebb	WM-1	4.37	3.21	0.50	7		7/11/2025	Mid Flood	WM-1	4.54	3.28	0.54	6
7/14/2025	Mid Ebb	WM-1	8.56	2.49	1.15	9		7/14/2025	Mid Flood	WM-1	8.75	3.60	1.04	9
7/16/2025	Mid Ebb	WM-1	6.11	2.72	1.07	12		7/16/2025	Mid Flood	WM-1	6.62	3.05	1.03	12
7/18/2025	Mid Ebb	WM-1	7.00	4.64	1.09	11		7/18/2025	Mid Flood	WM-1	7.05	4.39	1.03	13
7/23/2025	Mid Ebb	WM-1	7.00	4.64	1.09	7		7/23/2025	Mid Flood	WM-1	7.05	4.39	1.12	7
7/25/2025	Mid Ebb	WM-1	9.23	6.25	0.59	13		7/25/2025	Mid Flood	WM-1	9.06	6.24	0.45	18
7/28/2025	Mid Ebb	WM-1	7.15	5.01	0.86	8		7/28/2025	Mid Flood	WM-1	7.10	5.05	0.82	9
7/30/2025	Mid Ebb	WM-1	7.17	6.32	0.97	7		7/30/2025	Mid Flood	WM-1	6.88	6.07	0.71	8
		AL	6.23	5.06	1.00	3				AL	6.36	5.46	0.96	2
		LL	4.00	2.00	1.21	4				LL	4.00	2.00	1.12	3
		Min	4.37	2.49	0.50	5				Min	4.54	3.05	0.45	6
		Max	9.25	9.59	1.15	13				Max	9.30	9.50	1.12	18
		Mean	7.53	5.61	0.93	9				Mean	7.56	5.63	0.88	10
							•							
Date	Tide	Location	DO (S&M)	DO (B)	TUR	SS		Date	Tide	Location	DO (S&M)	DO (B)	TUR	SS
Date 7/2/2025	Tide Mid Ebb	Location WM-2	DO (S&M) 9.21	DO (B) 8.89	TUR 0.91	SS 13		Date 7/2/2025	Tide Mid Flood	Location WM-2	DO (S&M) 9.10	DO (B) 8.97	TUR 1.04	SS 12
		WM-2 WM-2	` '	` '		13 5					` '			12 5
7/2/2025 7/4/2025 7/7/2025	Mid Ebb Mid Ebb Mid Ebb	WM-2 WM-2 WM-2	9.21 9.43 8.79	8.89	0.91 0.93 1.17	13 5 6		7/2/2025 7/4/2025 7/7/2025	Mid Flood Mid Flood Mid Flood	WM-2 WM-2 WM-2	9.10 9.54 8.99	8.97 9.59 7.69	1.04 0.99 1.11	12 5 6
7/2/2025 7/4/2025 7/7/2025 7/9/2025	Mid Ebb Mid Ebb Mid Ebb Mid Ebb	WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17	8.89 9.09	0.91 0.93 1.17 0.92	13 5 6 8		7/2/2025 7/4/2025 7/7/2025 7/9/2025	Mid Flood Mid Flood Mid Flood Mid Flood	WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78	8.97 9.59 7.69 3.25	1.04 0.99 1.11 0.94	12 5 6 6
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025	Mid Ebb Mid Ebb Mid Ebb Mid Ebb Mid Ebb	WM-2 WM-2 WM-2	9.21 9.43 8.79	8.89 9.09 7.60	0.91 0.93 1.17 0.92 0.30	13 5 6		7/2/2025 7/4/2025 7/7/2025	Mid Flood Mid Flood Mid Flood	WM-2 WM-2 WM-2	9.10 9.54 8.99	8.97 9.59 7.69	1.04 0.99 1.11	12 5 6
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025	Mid Ebb Mid Ebb Mid Ebb Mid Ebb Mid Ebb Mid Ebb	WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26	8.89 9.09 7.60 3.18	0.91 0.93 1.17 0.92 0.30 0.70	13 5 6 8		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025	Mid Flood Mid Flood Mid Flood Mid Flood Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78	8.97 9.59 7.69 3.25 3.30 2.18	1.04 0.99 1.11 0.94 0.36 0.73	12 5 6 6
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04	8.89 9.09 7.60 3.18 3.33 3.26 2.46	0.91 0.93 1.17 0.92 0.30 0.70 0.85	13 5 6 8 6 10		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025	Mid Flood Mid Flood Mid Flood Mid Flood Mid Flood Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48	8.97 9.59 7.69 3.25 3.30 2.18 2.60	1.04 0.99 1.11 0.94 0.36 0.73	12 5 6 6 6 11 11
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15	13 5 6 8 6 10 13		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025	Mid Flood Mid Flood Mid Flood Mid Flood Mid Flood Mid Flood Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14	12 5 6 6 6 11 11 13
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04 5.48 6.69	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22 2.22	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15	13 5 6 8 6 10 13 13 6		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025	Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74 6.95	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07 2.07	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14	12 5 6 6 6 11 11 13 6
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04 5.48 6.69 7.76	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22 2.22 5.29	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15 1.15	13 5 6 8 6 10 13 13 6 14		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025	Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74 6.95 8.43	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07 2.07 5.70	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14 1.14	12 5 6 6 6 11 11 13
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04 5.48 6.69 7.76 5.79	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22 2.22 5.29 3.55	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15 1.15 0.42	13 5 6 8 6 10 13 13 6 14		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74 6.95 8.43 6.02	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07 2.07 5.70 3.73	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14 1.14 0.40	12 5 6 6 6 11 11 13 6 16
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04 5.48 6.69 7.76 5.79 7.09	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22 2.22 5.29 3.55 6.31	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15 1.15 0.42 1.08	13 5 6 8 6 10 13 13 6 14 9 8		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025	Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74 6.95 8.43 6.02 6.98	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07 2.07 5.70 3.73 6.17	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14 1.14 0.40 1.05	12 5 6 6 6 11 11 13 6 16 9
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04 5.48 6.69 7.76 5.79	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22 2.22 5.29 3.55	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15 1.15 0.42	13 5 6 8 6 10 13 13 6 14 9 8		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74 6.95 8.43 6.02	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07 2.07 5.70 3.73	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14 1.14 0.40	12 5 6 6 6 11 11 13 6 16 9
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04 5.48 6.69 7.76 5.79 7.09 6.10 5.00	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22 2.22 5.29 3.55 6.31 4.92 2.00	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15 1.15 0.42 1.08 1.07 1.31	13 5 6 8 6 10 13 13 6 14 9 8 3		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74 6.95 8.43 6.02 6.98 6.23 5.00	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07 2.07 5.70 3.73 6.17 5.15 2.00	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14 1.14 0.40 1.05 0.93 1.40 1.47	12 5 6 6 6 11 11 13 6 16 9 8
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04 5.48 6.69 7.76 5.79 7.09 6.10	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22 2.22 5.29 3.55 6.31 4.92	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15 1.15 0.42 1.08 1.07	13 5 6 8 6 10 13 13 6 14 9 8 3 3		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74 6.95 8.43 6.02 6.98 6.23	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07 2.07 5.70 3.73 6.17 5.15	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14 1.14 0.40 1.05 0.93	12 5 6 6 6 11 11 13 6 16 9
7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Ebb	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.21 9.43 8.79 6.17 5.47 5.26 5.04 5.48 6.69 7.76 5.79 7.09 6.10 5.00	8.89 9.09 7.60 3.18 3.33 3.26 2.46 2.22 2.22 5.29 3.55 6.31 4.92 2.00	0.91 0.93 1.17 0.92 0.30 0.70 0.85 1.15 1.15 0.42 1.08 1.07 1.31	13 5 6 8 6 10 13 13 6 14 9 8 3		7/2/2025 7/4/2025 7/7/2025 7/9/2025 7/11/2025 7/14/2025 7/16/2025 7/18/2025 7/23/2025 7/25/2025 7/28/2025	Mid Flood	WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2 WM-2	9.10 9.54 8.99 5.78 5.93 5.00 5.48 5.74 6.95 8.43 6.02 6.98 6.23 5.00	8.97 9.59 7.69 3.25 3.30 2.18 2.60 2.07 2.07 5.70 3.73 6.17 5.15 2.00	1.04 0.99 1.11 0.94 0.36 0.73 0.84 1.14 1.14 0.40 1.05 0.93 1.40 1.47	12 5 6 6 6 11 11 13 6 16 9 8



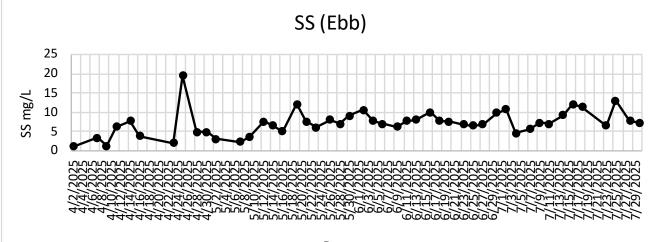




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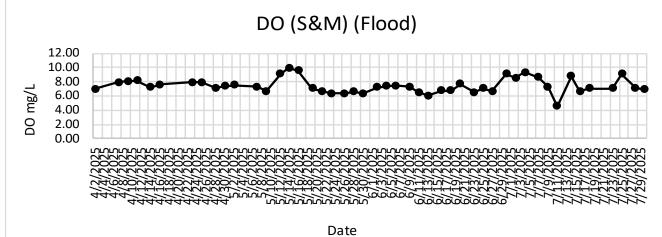


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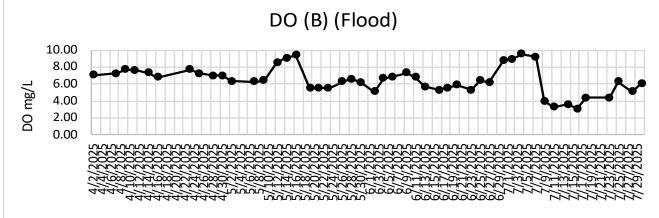


Date

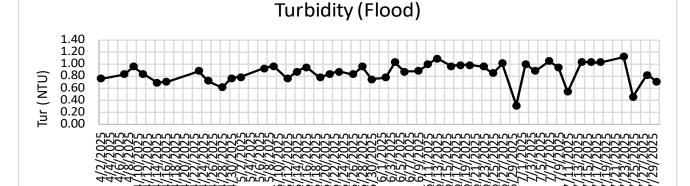




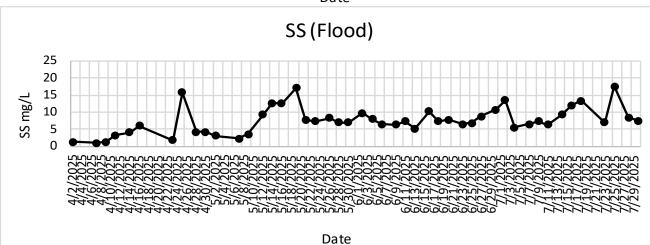




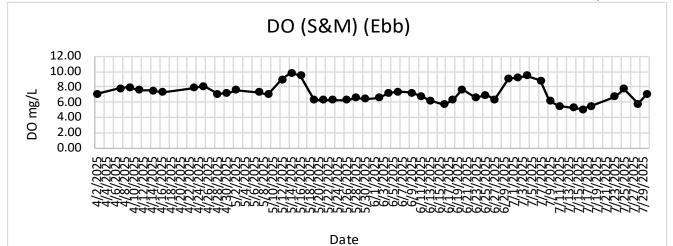
Date



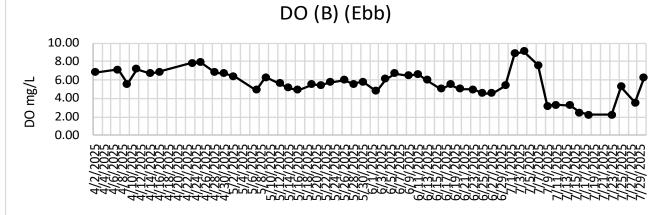
Date





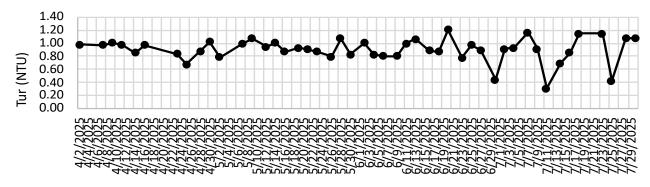






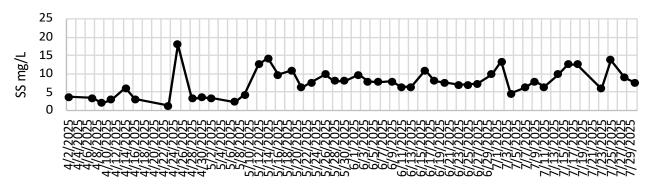
Date





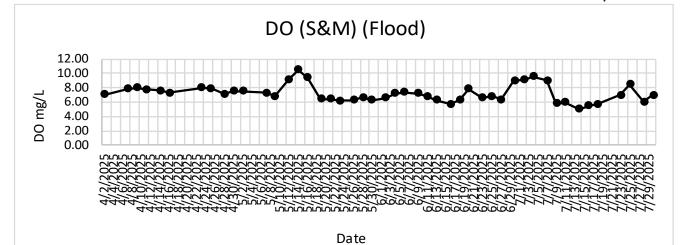
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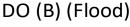


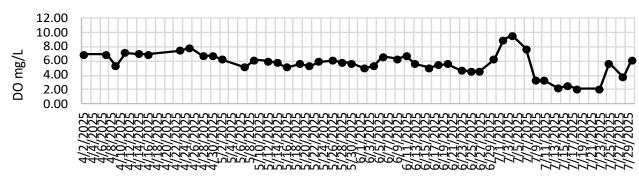


Date



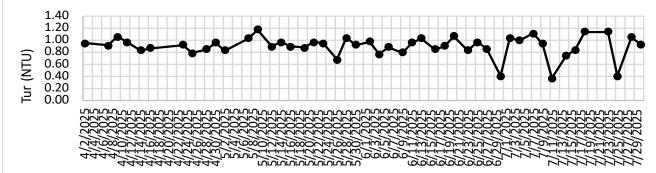






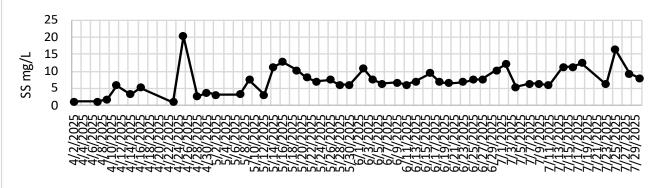
Date

Turbidity (Flood)



Date

SS (Flood)



Date



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122



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Test Report on Analysis of Water

Information Supplied by Client

Client : TAI PO GOLF CLUB LIMITED

Client's address : Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project : Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description : Twenty samples of water

Sampling location : See table below

Test required : Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D. : WA251122/1-20

Date of receipt of sample: 02/07/2025

Date test completed : 04/07/2025

Test method used : APHA 23rd ed, 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122/1	WM-1 /S /E	02/07/2025	WA251122/11	WM-1 /S /F	02/07/2025
WA251122/2	WM-1 /S /E Dup	02/07/2025	WA251122/12	WM-1 /S /F Dup	02/07/2025
WA251122/3	WM-1 /B /E	02/07/2025	WA251122/13	WM-1 /B /F	02/07/2025
WA251122/4	WM-1 /B /E Dup	02/07/2025	WA251122/14	WM-1 /B /F Dup	02/07/2025
WA251122/5	WM-2 /S /E	02/07/2025	WA251122/15	WM-2 /S /F	02/07/2025
WA251122/6	WM-2 /S /E Dup	02/07/2025	WA251122/16	WM-2 /S /F Dup	02/07/2025
WA251122/7	WM-2 /M /E	02/07/2025	WA251122/17	WM-2 /M /F	02/07/2025
WA251122/8	WM-2 /M /E Dup	02/07/2025	WA251122/18	WM-2 /M /F Dup	02/07/2025
WA251122/9	WM-2 /B /E	02/07/2025	WA251122/19	WM-2 /B /F	02/07/2025
WA251122/10	WM-2 /B /E Dup	02/07/2025	WA251122/20	WM-2 /B /F Dup	02/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122

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Results:

Sampling location	Testing items
Sampling location	TSS, mg/L
WM-1 /S /E	11
WM-1 /S /E Dup	11
WM-1 /B /E	11
WM-1 /B /E Dup	10
WM-2 /S /E	12
WM-2 /S /E Dup	12
WM-2 /M /E	14
WM-2 /M /E Dup	14
WM-2 /B /E	14
WM-2 /B /E Dup	14
WM-1 /S /F	14
WM-1 /S /F Dup	13
WM-1 /B /F	14
WM-1 /B /F Dup	13
WM-2 /S /F	13
WM-2 /S /F Dup	13
WM-2 /M /F	12
WM-2 /M /F Dup	13
WM-2 /B /F	11
WM-2 /B /F Dup	11

QC data:

	Sample ID	WA251122/4					
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	10.09	9.82	0.0271	0 - 0.24	99.6	85 ~ 115

Supervised by :	M.L.YUNG	Certified by	Approved Signatory: HO Kin Man, John Director
		Date ** End of Report **	: 9/7/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun. NT Hong Kong

Report No.: 230546WA251122(1)





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Test Report on Analysis of Water

Information Supplied by Client

Client

TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D.

WA251122(1)/1-20

Date of receipt of sample:

04/07/2025

Date test completed

08/07/2025

Test method used

APHA 23rd ed, 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(1)/1	WM-1 /S /E	04/07/2025	WA251122(1)/11	WM-1 /S /F	04/07/2025
WA251122(1)/2	WM-1 /S /E Dup	04/07/2025	WA251122(1)/12	WM-1 /S /F Dup	04/07/2025
WA251122(1)/3	WM-1 /B /E	04/07/2025	WA251122(1)/13	WM-1 /B /F	04/07/2025
WA251122(1)/4	WM-1 /B /E Dup	04/07/2025	WA251122(1)/14	WM-1 /B /F Dup	04/07/2025
WA251122(1)/5	WM-2 /S /E	04/07/2025	WA251122(1)/15	WM-2 /S /F	04/07/2025
WA251122(1)/6	WM-2 /S /E Dup	04/07/2025	WA251122(1)/16	WM-2 /S /F Dup	04/07/2025
WA251122(1)/7	WM-2 /M /E	04/07/2025	WA251122(1)/17	WM-2 /M /F	04/07/2025
WA251122(1)/8	WM-2 /M /E Dup	04/07/2025	WA251122(1)/18	WM-2 /M /F Dup	04/07/2025
WA251122(1)/9	WM-2 /B /E	04/07/2025	WA251122(1)/19	WM-2 /B /F	04/07/2025
WA251122(1)/10	WM-2 /B /E Dup	04/07/2025	WA251122(1)/20	WM-2 /B /F Dup	04/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(1)

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Results:

	Testing items
Sampling location	
NAME A 10 /F	TSS, mg/L
WM-1 /S /E	4
WM-1 /S /E Dup	5
WM-1 /B /E	4
WM-1 /B /E Dup	5
WM-2 /S /E	4
WM-2 /S /E Dup	5
WM-2 /M /E	5
WM-2 /M /E Dup	4
WM-2 /B /E	5
WM-2 /B /E Dup	4
WM-1 /S /F	5
WM-1 /S /F Dup	6
WM-1 /B /F	5
WM-1 /B /F Dup	6
WM-2 /S /F	5
WM-2 /S /F Dup	6
WM-2 /M /F	4
WM-2 /M /F Dup	5
WM-2 /B /F	6
WM-2 /B /F Dup	6

QC data:

	Sample ID	WA251122(1)/4					
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	4.91	4.68	0.0480	0 - 0.24	107.4	85 ~ 115

Supervised by : H.Y. CHAN Certified by : Approved Signatory: HO Kin Man, John Director

> Date ** End of Report **

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(2)





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Test Report on Analysis of Water

Information Supplied by Client

Client : TAI PO GOLF CLUB LIMITED

Client's address : Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project : Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description : Twenty samples of water

Sampling location : See table below

Test required : Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D. : WA251122(2)/1-20

Date of receipt of sample: 07/07/2025

Date test completed : 08/07/2025

Test method used : APHA 23rd ed, 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(2)/1	WM-1 /S /E	07/07/2025	WA251122(2)/11	WM-1 /S /F	07/07/2025
WA251122(2)/2	WM-1 /S /E Dup	07/07/2025	WA251122(2)/12	WM-1 /S /F Dup	07/07/2025
WA251122(2)/3	WM-1 /B /E	07/07/2025	WA251122(2)/13	WM-1 /B /F	07/07/2025
WA251122(2)/4	WM-1 /B /E Dup	07/07/2025	WA251122(2)/14	WM-1 /B /F Dup	07/07/2025
WA251122(2)/5	WM-2 /S /E	07/07/2025	WA251122(2)/15	WM-2 /S /F	07/07/2025
WA251122(2)/6	WM-2 /S /E Dup	07/07/2025	WA251122(2)/16	WM-2 /S /F Dup	07/07/2025
WA251122(2)/7	WM-2 /M /E	07/07/2025	WA251122(2)/17	WM-2 /M /F	07/07/2025
WA251122(2)/8	WM-2 /M /E Dup	07/07/2025	WA251122(2)/18	WM-2 /M /F Dup	07/07/2025
WA251122(2)/9	WM-2 /B /E	07/07/2025	WA251122(2)/19	WM-2 /B /F	07/07/2025
WA251122(2)/10	WM-2 /B /E Dup	07/07/2025	WA251122(2)/20	WM-2 /B /F Dup	07/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(2)

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Results:

Compline location	Testing items
Sampling location	TSS, mg/L
WM-1 /S /E	7
WM-1 /S /E Dup	6
WM-1 /B /E	4
WM-1 /B /E Dup	5
WM-2 /S /E	5
WM-2 /S /E Dup	6
WM-2 /M /E	7
WM-2 /M /E Dup	6
WM-2 /B /E	6
WM-2 /B /E Dup	7
WM-1 /S /F	6
WM-1 /S /F Dup	7
WM-1 /B /F	7
WM-1 /B /F Dup	6
WM-2 /S /F	6
WM-2 /S /F Dup	7
WM-2 /M /F	7
WM-2 /M /F Dup	6
WM-2 /B /F	6
WM-2 /B /F Dup	6

QC data:

	Sample ID	WA251122(2)/14					
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	5.87	6.10	0.0384	0 - 0.24	90.80	85 ~ 115

Supervised by : _____

H.Y. CHAN

Certified by

Approved Signatory: HO Kin Man, John

Director

Date

** End of Report **

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(3)





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Test Report on Analysis of Water

Information Supplied by Client

Client

: TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D.

WA251122(3)/1-20

Date of receipt of sample:

09/07/2025

Date test completed

11/07/2025

Test method used

APHA 23rd ed. 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(3)/1	WM-1 /S /E	09/07/2025	WA251122(3)/11	WM-1 /S /F	09/07/2025
WA251122(3)/2	WM-1 /S /E Dup	09/07/2025	WA251122(3)/12	WM-1 /S /F Dup	09/07/2025
WA251122(3)/3	WM-1 /B /E	09/07/2025	WA251122(3)/13	WM-1 /B /F	09/07/2025
WA251122(3)/4	WM-1 /B /E Dup	09/07/2025	WA251122(3)/14	WM-1 /B /F Dup	09/07/2025
WA251122(3)/5	WM-2 /S /E	09/07/2025	WA251122(3)/15	WM-2 /S /F	09/07/2025
WA251122(3)/6	WM-2 /S /E Dup	09/07/2025	WA251122(3)/16	WM-2 /S /F Dup	09/07/2025
WA251122(3)/7	WM-2 /M /E	09/07/2025	WA251122(3)/17	WM-2 /M /F	09/07/2025
WA251122(3)/8	WM-2 /M /E Dup	09/07/2025	WA251122(3)/18	WM-2 /M /F Dup	09/07/2025
WA251122(3)/9	WM-2 /B /E	09/07/2025	WA251122(3)/19	WM-2 /B /F	09/07/2025
WA251122(3)/10	WM-2 /B /E Dup	09/07/2025	WA251122(3)/20	WM-2 /B /F Dup	09/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(3)

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Results:

Compliant location	Testing items	
Sampling location	TSS, mg/L	
WM-1 /S /E	7	
WM-1 /S /E Dup	6	
WM-1 /B /E	8	
WM-1 /B /E Dup	8	
WM-2 /S /E	7	
WM-2 /S /E Dup	8	
WM-2 /M /E	8	
WM-2 /M /E Dup	8	
WM-2 /B /E	8	
WM-2 /B /E Dup	8	
WM-1 /S /F	7	
WM-1 /S /F Dup	8	
WM-1 /B /F	7	
WM-1 /B /F Dup	7	
WM-2 /S /F	7	
WM-2 /S /F Dup	7	
WM-2 /M /F	7	
WM-2 /M /F Dup	6	
WM-2 /B /F	6	
WM-2 /B /F Dup	5	

QC data:

	Sample ID	WA251122(3)/4						
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %	
TSS	<0.5	7.70	7.74	0.0052	0 - 0.24	96.00	85 ~ 115	

Supervised by: H.Y. CHAN Certified by:

Approved Signatory: HO Kin Man, John
Director

Date
** End of Report **

(617 (2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(4)





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Test Report on Analysis of Water

Information Supplied by Client

Client

TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D.

WA251122(4)/1-20

Date of receipt of sample:

11/07/2025

Date test completed

14/07/2025

Test method used

APHA 23rd ed, 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(4)/1	WM-1 /S /E	11/07/2025	WA251122(4)/11	WM-1 /S /F	11/07/2025
WA251122(4)/2	WM-1 /S /E Dup	11/07/2025	WA251122(4)/12	WM-1 /S /F Dup	11/07/2025
WA251122(4)/3	WM-1 /B /E	11/07/2025	WA251122(4)/13	WM-1 /B /F	11/07/2025
WA251122(4)/4	WM-1 /B /E Dup	11/07/2025	WA251122(4)/14	WM-1 /B /F Dup	11/07/2025
WA251122(4)/5	WM-2 /S /E	11/07/2025	WA251122(4)/15	WM-2 /S /F	11/07/2025
WA251122(4)/6	WM-2 /S /E Dup	11/07/2025	WA251122(4)/16	WM-2 /S /F Dup	11/07/2025
WA251122(4)/7	WM-2 /M /E	11/07/2025	WA251122(4)/17	WM-2 /M /F	11/07/2025
WA251122(4)/8	WM-2 /M /E Dup	11/07/2025	WA251122(4)/18	WM-2 /M /F Dup	11/07/2025
WA251122(4)/9	WM-2 /B /E	11/07/2025	WA251122(4)/19	WM-2 /B /F	11/07/2025
WA251122(4)/10	WM-2 /B /E Dup	11/07/2025	WA251122(4)/20	WM-2 /B /F Dup	11/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(4)

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Results:

	Testing items
Sampling location	TSS, mg/L
WM-1 /S /E	7
WM-1 /S /E Dup	7
WM-1 /B /E	7
WM-1 /B /E Dup	7
WM-2 /S /E	7
WM-2 /S /E Dup	7
WM-2 /M /E	6
WM-2 /M /E Dup	7
WM-2 /B /E	6
WM-2 /B /E Dup	5
WM-1 /S /F	6
WM-1 /S /F Dup	7
WM-1 /B /F	6
WM-1 /B /F Dup	6
WM-2 /S /F	7
WM-2 /S /F Dup	6
WM-2 /M /F	5
WM-2 /M /F Dup	6
WM-2 /B /F	6
WM-2 /B /F Dup	5

QC data:

	Sample ID	WA251122(4)/4					
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	6.65	6.43	0.0336	0 - 0.24	107.80	85 ~ 115

Supervised by : H.Y. CHAN Certified by : Approved Signatory: HO Kin Man, John Director

Date **
** End of Report **

201/2005

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun. NT Hong Kong

Report No.: 230546WA251122(5)





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Test Report on Analysis of Water

Information Supplied by Client

Client

TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D.

WA251122(5)/1-20

Date of receipt of sample:

14/07/2025

Date test completed

16/07/2025

Test method used

APHA 23rd ed, 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(5)/1	WM-1 /S /E	14/07/2025	WA251122(5)/11	WM-1 /S /F	14/07/2025
WA251122(5)/2	WM-1 /S /E Dup	14/07/2025	WA251122(5)/12	WM-1 /S /F Dup	14/07/2025
WA251122(5)/3	WM-1 /B /E	14/07/2025	WA251122(5)/13	WM-1 /B /F	14/07/2025
WA251122(5)/4	WM-1 /B /E Dup	14/07/2025	WA251122(5)/14	WM-1 /B /F Dup	14/07/2025
WA251122(5)/5	WM-2 /S /E	14/07/2025	WA251122(5)/15	WM-2 /S /F	14/07/2025
WA251122(5)/6	WM-2 /S /E Dup	14/07/2025	WA251122(5)/16	WM-2 /S /F Dup	14/07/2025
WA251122(5)/7	WM-2 /M /E	14/07/2025	WA251122(5)/17	WM-2 /M /F	14/07/2025
WA251122(5)/8	WM-2 /M /E Dup	14/07/2025	WA251122(5)/18	WM-2 /M /F Dup	14/07/2025
WA251122(5)/9	WM-2 /B /E	14/07/2025	WA251122(5)/19	WM-2 /B /F	14/07/2025
WA251122(5)/10	WM-2 /B /E Dup	14/07/2025	WA251122(5)/20	WM-2 /B /F Dup	14/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(5)

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Results:

	Testing items	
Sampling location	TSS, mg/L	
WM-1 /S /E	8	
WM-1 /S /E Dup	8	
WM-1 /B /E	10	
WM-1 /B /E Dup	11	
WM-2 /S /E	10	
WM-2 /S /E Dup	9	
WM-2 /M /E	10	
WM-2 /M /E Dup	11	
WM-2 /B /E	9	
WM-2 /B /E Dup	10	
WM-1 /S /F	9	
WM-1 /S /F Dup	9	
WM-1 /B /F	9	
WM-1 /B /F Dup	10	
WM-2 /S /F	11	
WM-2 /S /F Dup	11	
WM-2 /M /F	12	
WM-2 /M /F Dup	11	
WM-2 /B /F	11	
WM-2 /B /F Dup	12	

QC data:

	Sample ID	WA251122(5)/4						
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %	
TSS	<0.5	9.97	11.26	0.1215	0 - 0.24	91.60	85 ~ 115	

Supervised by : H.Y. CHAN Certified by : Approved Signatory: HO Kin Man, John Director

Date :
** End of Report **

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(6)



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Information Supplied by Client

Client

TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D.

WA251122(6)/1-20

Date of receipt of sample:

16/07/2025

Date test completed

18/07/2025

Test method used

APHA 23rd ed. 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(6)/1	WM-1 /S /E	16/07/2025	WA251122(6)/11	WM-1 /S /F	16/07/2025
WA251122(6)/2	WM-1 /S /E Dup	16/07/2025	WA251122(6)/12	WM-1 /S /F Dup	16/07/2025
WA251122(6)/3	WM-1 /B /E	16/07/2025	WA251122(6)/13	WM-1 /B /F	16/07/2025
WA251122(6)/4	WM-1 /B /E Dup	16/07/2025	WA251122(6)/14	WM-1 /B /F Dup	16/07/2025
WA251122(6)/5	WM-2 /S /E	16/07/2025	WA251122(6)/15	WM-2 /S /F	16/07/2025
WA251122(6)/6	WM-2 /S /E Dup	16/07/2025	WA251122(6)/16	WM-2 /S /F Dup	16/07/2025
WA251122(6)/7	WM-2 /M /E	16/07/2025	WA251122(6)/17	WM-2 /M /F	16/07/2025
WA251122(6)/8	WM-2 /M /E Dup	16/07/2025	WA251122(6)/18	WM-2 /M /F Dup	16/07/2025
WA251122(6)/9	WM-2 /B /E	16/07/2025	WA251122(6)/19	WM-2 /B /F	16/07/2025
WA251122(6)/10	WM-2 /B /E Dup	16/07/2025	WA251122(6)/20	WM-2 /B /F Dup	16/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(6)

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Results:

o a san Para Para Para Para Para Para Para Pa	Testing items
Sampling location	TSS, mg/L
WM-1 /S /E	13
WM-1 /S /E Dup	13
WM-1 /B /E	11
WM-1 /B /E Dup	11
WM-2 /S /E	12
WM-2 /S /E Dup	13
WM-2 /M /E	12
WM-2 /M /E Dup	13
WM-2 /B /E	13
WM-2 /B /E Dup	12
WM-1 /S /F	12
WM-1 /S /F Dup	12
WM-1 /B /F	12
WM-1 /B /F Dup	12
WM-2 /S /F	12
WM-2 /S /F Dup	11
WM-2 /M /F	10
WM-2 /M /F Dup	11
WM-2 /B /F	12
WM-2 /B /F Dup	12

QC data:

	Sample ID	WA251122(6)/1					
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	12.34	12.81	0.0374	0 - 0.24	99.00	85 ~ 115

Supervised by : H.Y. CHAN Certified by : Approved Signatory: HO Kin Man, John Director

** End of Report **

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(7)



Page 1 of 2

Test Report on Analysis of Water

Information Supplied by Client

Client

TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D.

WA251122(7)/1-20

Date of receipt of sample:

18/07/2025

Date test completed

20/07/2025

Test method used

APHA 23rd ed, 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(7)/1	WM-1 /S /E	18/07/2025	WA251122(7)/11	WM-1 /S /F	18/07/2025
WA251122(7)/2	WM-1 /S /E Dup	18/07/2025	WA251122(7)/12	WM-1 /S /F Dup	18/07/2025
WA251122(7)/3	WM-1 /B /E	18/07/2025	WA251122(7)/13	WM-1 /B /F	18/07/2025
WA251122(7)/4	WM-1 /B /E Dup	18/07/2025	WA251122(7)/14	WM-1 /B /F Dup	18/07/2025
WA251122(7)/5	WM-2 /S /E	18/07/2025	WA251122(7)/15	WM-2 /S /F	18/07/2025
WA251122(7)/6	WM-2 /S /E Dup	18/07/2025	WA251122(7)/16	WM-2 /S /F Dup	18/07/2025
WA251122(7)/7	WM-2 /M /E	18/07/2025	WA251122(7)/17	WM-2 /M /F	18/07/2025
WA251122(7)/8	WM-2 /M /E Dup	18/07/2025	WA251122(7)/18	WM-2 /M /F Dup	18/07/2025
WA251122(7)/9	WM-2 /B /E	18/07/2025	WA251122(7)/19	WM-2 /B /F	18/07/2025
WA251122(7)/10	WM-2 /B /E Dup	18/07/2025	WA251122(7)/20	WM-2 /B /F Dup	18/07/2025

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(7)

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Results:

Sampling location	Testing items	
Sampling location	TSS, mg/L	
WM-1 /S /E	11	
WM-1 /S /E Dup	11	
WM-1 /B /E	11	
WM-1 /B /E Dup	12	
WM-2 /S /E	12	
WM-2 /S /E Dup	12	
WM-2 /M /E	13	
WM-2 /M /E Dup	13	
WM-2 /B /E	13	
WM-2 /B /E Dup	12	
WM-1 /S /F	14	
WM-1 /S /F Dup	14	
WM-1 /B /F	13	
WM-1 /B /F Dup	12	
WM-2 /S /F	13	
WM-2 /S /F Dup	12	
WM-2 /M /F	13	
WM-2 /M /F Dup	13	
WM-2 /B /F	12	
WM-2 /B /F Dup	12	

QC data:

	Sample ID		WA251122(7)/12				
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	13.69	13.45	0.0177	0 - 0.24	98.60	85 ~ 115

Supervised by : H.Y. CHAN Certified by : Approved Signatory: HO Kin Man, John Director

Date
** End of Report **

7(1/2005

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(9)



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Test Report on Analysis of Water

Information Supplied by Client

Client

TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C - 105°C

Laboratory Information

Lab sample I.D.

WA251122(9)/1-20

Date of receipt of sample:

23/07/2025

Date test completed

25/07/2025

Test method used

APHA 23rd ed. 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(9)/1	WM-1 /S /E	23/07/2025	WA251122(9)/11	WM-1 /S /F	23/07/2025
WA251122(9)/2	WM-1 /S /E Dup	23/07/2025	WA251122(9)/12	WM-1 /S /F Dup	23/07/2025
WA251122(9)/3	WM-1 /B /E	23/07/2025	WA251122(9)/13	WM-1 /B /F	23/07/2025
WA251122(9)/4	WM-1 /B /E Dup	23/07/2025	WA251122(9)/14	WM-1 /B /F Dup	23/07/2025
WA251122(9)/5	WM-2 /S /E	23/07/2025	WA251122(9)/15	WM-2 /S /F	23/07/2025
WA251122(9)/6	WM-2 /S /E Dup	23/07/2025	WA251122(9)/16	WM-2 /S /F Dup	23/07/2025
WA251122(9)/7	WM-2 /M /E	23/07/2025	WA251122(9)/17	WM-2 /M /F	23/07/2025
WA251122(9)/8	WM-2 /M /E Dup	23/07/2025	WA251122(9)/18	WM-2 /M /F Dup	23/07/2025
WA251122(9)/9	WM-2 /B /E	23/07/2025	WA251122(9)/19	WM-2 /B /F	23/07/2025
WA251122(9)/10	WM-2 /B /E Dup	23/07/2025	WA251122(9)/20	WM-2 /B /F Dup	23/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(9)

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Results:

	Testing items
Sampling location	TSS, mg/L
WM-1 /S /E	7
WM-1 /S /E Dup	6
WM-1 /B /E	7
WM-1 /B /E Dup	6
WM-2 /S /E	6
WM-2 /S /E Dup	6
WM-2 /M /E	6
WM-2 /M /E Dup	6
WM-2 /B /E	6
WM-2 /B /E Dup	5
WM-1 /S /F	7
WM-1 /S /F Dup	8
WM-1 /B /F	7
WM-1 /B /F Dup	6
WM-2 /S /F	6
WM-2 /S /F Dup	6
WM-2 /M /F	6
WM-2 /M /F Dup	7
WM-2 /B /F	6
WM-2 /B /F Dup	6

QC data:

	Sample ID	WA251122(9)/1					
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	6.14	7.25	0.1658	0 - 0.24	99.40	85 ~ 115

Supervised by : H.Y. CHAN

Certified by

Approved Signatory: HO Kin Man, John

Director

Date

** End of Report **

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(10)



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Test Report on Analysis of Water

Information Supplied by Client

Client : TAI PO GOLF CLUB LIMITED

Client's address : Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project : Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description : Twenty samples of water

Sampling location : See table below

Test required : Total suspended solids dried at 103°C – 105°C

Laboratory Information

Lab sample I.D. : WA251122(10)/1-20

Date of receipt of sample: 25/07/2025

Date test completed : 27/07/2025

Test method used : APHA 23rd ed. 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(10)/1	WM-1 /S /E	25/07/2025	WA251122(10)/11	WM-1 /S /F	25/07/2025
WA251122(10)/2	WM-1 /S /E Dup	25/07/2025	WA251122(10)/12	WM-1 /S /F Dup	25/07/2025
WA251122(10)/3	WM-1 /B /E	25/07/2025	WA251122(10)/13	WM-1 /B /F	25/07/2025
WA251122(10)/4	WM-1 /B /E Dup	25/07/2025	WA251122(10)/14	WM-1/B/F Dup	25/07/2025
WA251122(10)/5	WM-2 /S /E	25/07/2025	WA251122(10)/15	WM-2 /S /F	25/07/2025
WA251122(10)/6	WM-2 /S /E Dup	25/07/2025	WA251122(10)/16	WM-2 /S /F Dup	25/07/2025
WA251122(10)/7	WM-2 /M /E	25/07/2025	WA251122(10)/17	WM-2 /M /F	25/07/2025
WA251122(10)/8	WM-2 /M /E Dup	25/07/2025	WA251122(10)/18	WM-2 /M /F Dup	25/07/2025
WA251122(10)/9	WM-2 /B /E	25/07/2025	WA251122(10)/19	WM-2 /B /F	25/07/2025
WA251122(10)/10	WM-2 /B /E Dup	25/07/2025	WA251122(10)/20	WM-2 /B /F Dup	25/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(10)

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Results:

Compling Inaction	Testing items	
Sampling location	TSS, mg/L	
WM-1 /S /E	13	
WM-1 /S /E Dup	13	
WM-1 /B /E	13	
WM-1 /B /E Dup	13	
WM-2 /S /E	12	
WM-2 /S /E Dup	12	
WM-2 /M /E	13	
WM-2 /M /E Dup	14	
WM-2 /B /E	15	
WM-2 /B /E Dup	16	
WM-1 /S /F	17	
WM-1 /S /F Dup	16	
WM-1 /B /F	19	
WM-1 /B /F Dup	18	
WM-2 /S /F	15	
WM-2 /S /F Dup	15	
WM-2 /M /F	17	
WM-2 /M /F Dup	18	
WM-2 /B /F	16	
WM-2 /B /F Dup	17	

QC data:

	Sample ID	WA251122(10)/1					
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	12.19	13.23	0.0818	0 - 0.24	94.80	85 ~ 115

Supervised by : H.Y. CHAN

Certified by-

Approved Signatory: HO Kin Man, John Director

Date ** End of Report **



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(11)





Page 1 of 2

Test Report on Analysis of Water

Information Supplied by Client

Client

TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C – 105°C

Laboratory Information

Lab sample I.D.

WA251122(11)/1-20

Date of receipt of sample:

28/07/2025

Date test completed

30/07/2025

Test method used

APHA 23rd ed, 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(11)/1	WM-1 /S /E	28/07/2025	WA251122(11)/11	WM-1 /S /F	28/07/2025
WA251122(11)/2	WM-1 /S /E Dup	28/07/2025	WA251122(11)/12	WM-1 /S /F Dup	28/07/2025
WA251122(11)/3	WM-1 /B /E	28/07/2025	WA251122(11)/13	WM-1 /B /F	28/07/2025
WA251122(11)/4	WM-1 /B /E Dup	28/07/2025	WA251122(11)/14	WM-1 /B /F Dup	28/07/2025
WA251122(11)/5	WM-2 /S /E	28/07/2025	WA251122(11)/15	WM-2 /S /F	28/07/2025
WA251122(11)/6	WM-2 /S /E Dup	28/07/2025	WA251122(11)/16	WM-2 /S /F Dup	28/07/2025
WA251122(11)/7	WM-2 /M /E	28/07/2025	WA251122(11)/17	WM-2 /M /F	28/07/2025
WA251122(11)/8	WM-2 /M /E Dup	28/07/2025	WA251122(11)/18	WM-2 /M /F Dup	28/07/2025
WA251122(11)/9	WM-2 /B /E	28/07/2025	WA251122(11)/19	WM-2 /B /F	28/07/2025
WA251122(11)/10	WM-2 /B /E Dup	28/07/2025	WA251122(11)/20	WM-2 /B /F Dup	28/07/2025

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(11)

Page 2 of 2



Results:

Compling leastion	Testing items
Sampling location	TSS, mg/L
WM-1 /S /E	7
WM-1 /S /E Dup	8
WM-1 /B /E	8
WM-1 /B /E Dup	8
WM-2 /S /E	8
WM-2 /S /E Dup	9
WM-2 /M /E	9
WM-2 /M /E Dup	8
WM-2 /B /E	10
WM-2 /B /E Dup	9
WM-1 /S /F	8
WM-1 /S /F Dup	9
WM-1 /B /F	8
WM-1 /B /F Dup	9
WM-2 /S /F	8
WM-2 /S /F Dup	9
WM-2 /M /F	10
WM-2 /M /F Dup	10
WM-2 /B /F	9
WM-2 /B /F Dup	10

QC data:

	Sample ID	WA251122(11)/1						
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %	
TSS	<0.5	7.16	6.77	0.0560	0 - 0.24	101.80	85 ~ 115	

Supervised by : H.Y. CHAN Certified by

Approved Signatory: HO Kin Man, John

Director

Date
** End of Report **

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Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

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Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(12)

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Test Report on Analysis of Water

Information Supplied by Client

Client

TAI PO GOLF CLUB LIMITED

Client's address

Room 802, 8th Floor, Far East Consortium Building, 121 Des Voeux

Road, Central, Hong Kong

Project

Proposed Golf Course Development at Tai Po Town Lot No. 246

Shuen Wan, Ting Kok, Tai Po

Sample description

Twenty samples of water

Sampling location

See table below

Test required

Total suspended solids dried at 103°C – 105°C

Laboratory Information

Lab sample I.D.

WA251122(12)/1-20

Date of receipt of sample:

30/07/2025

Date test completed

01/08/2025

Test method used

APHA 23rd ed. 2540D

Lab Sample ID	Sampling Location	Sampling Date	Lab Sample ID	Sampling Location	Sampling Date
WA251122(12)/1	WM-1 /S /E	30/07/2025	WA251122(12)/11	WM-1 /S /F	30/07/2025
WA251122(12)/2	WM-1 /S /E Dup	30/07/2025	WA251122(12)/12	WM-1 /S /F Dup	30/07/2025
WA251122(12)/3	WM-1 /B /E	30/07/2025	WA251122(12)/13	WM-1 /B /F	30/07/2025
WA251122(12)/4	WM-1 /B /E Dup	30/07/2025	WA251122(12)/14	WM-1 /B /F Dup	30/07/2025
WA251122(12)/5	WM-2 /S /E	30/07/2025	WA251122(12)/15	WM-2 /S /F	30/07/2025
WA251122(12)/6	WM-2 /S /E Dup	30/07/2025	WA251122(12)/16	WM-2 /S /F Dup	30/07/2025
WA251122(12)/7	WM-2 /M /E	30/07/2025	WA251122(12)/17	WM-2 /M /F	30/07/2025
WA251122(12)/8	WM-2 /M /E Dup	30/07/2025	WA251122(12)/18	WM-2 /M /F Dup	30/07/2025
WA251122(12)/9	WM-2 /B /E	30/07/2025	WA251122(12)/19	WM-2 /B /F	30/07/2025
WA251122(12)/10	WM-2 /B /E Dup	30/07/2025	WA251122(12)/20	WM-2 /B /F Dup	30/07/2025



Fugro Development Centre 5 Lok Yi Street, Tai Lam Tuen Mun, NT Hong Kong

Report No.: 230546WA251122(12)

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Results:

Compling location	Testing items	
Sampling location	TSS, mg/L	
WM-1 /S /E	7	
WM-1 /S /E Dup	8	
WM-1 /B /E	7	
WM-1 /B /E Dup	. 7	
WM-2 /S /E	9	
WM-2 /S /E Dup	8	
WM-2 /M /E	7	
WM-2 /M /E Dup	7	
WM-2 /B /E	7	
WM-2 /B /E Dup	7	
WM-1 /S /F	7	
WM-1 /S /F Dup	8	
WM-1 /B /F	8	
WM-1 /B /F Dup	7	
WM-2 /S /F	9	
WM-2 /S /F Dup	8	
WM-2 /M /F	8	
WM-2 /M /F Dup	9	
WM-2 /B /F	7	
WM-2 /B /F Dup	7	

QC data:

Sample ID		WA251122(12)/1					
Testing item	Blank, mg/L	Original conc., mg/L	Duplicate result, mg/L	Repeatability range normalized	Acceptable range, %	Matrix spike, %	Acceptable range, %
TSS	<0.5	7.02	6.64	0.0556	0 - 0.24	90.00	85 ~ 115

Supervised by : H.Y. CHAN

Certified by

Approved Signatory: HO Kin Man, John Director

Dire

Date
** End of Report **

Note: This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

The Hong Kong Accreditation Service (HKAS) has accredited Fugro Technical Services Limited (Reg. No. HOKLAS 015) under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories. The copyright of this report is owned by Fugro Technical Services Limited. This report shall not be reproduced except in full.

Appendix 5.2

HOKLAS Accreditation Certificate



Hong Kong Accreditation Service 香港認可慮

Certificate of Accreditation

認可證書

This is to certify that 特此證明

FUGRO TECHNICAL SERVICES LIMITED

輝固技術服務有限公司

Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, New Territories, Hong Kong 香港新界屯門大欖樂怡街五號輝固發展中心

is accredited by the Hong Kong Accreditation Service (HKAS) to ISO/IEC 17025:2017 for performing specific laboratory activities as listed in the scope of accreditation within the test category of 獲香港認可應根據ISO/IEC 17025:2017認可 進行載於認可範圍內下逃測試類別中的指定實驗所活動

Environmental Testing

環境測試

This accreditation to ISO/IEC 17025:2017 demonstrates technical competence for a defined scope and the implementation of a management system relevant to laboratory operation (see joint IAF-ILAC-ISO Communiqué).

此項 ISO/IEC 17025:2017 的認可資格證明此實驗所具備指定範疇內所須的技術能力並 實施一套與實驗所運作相關的管理體系

(見國際認可論壇、國際實驗所認可合作組織及國際標準化組織的聯合公報)。

The common seal of HKAS is affixed hereto by the authority of the HKAS Executive 現經香港認可處執行機關授權在此蓋上香港認可慮的印章

SHUM Wai-leung, Executive Administrator

執行幹事 沈偉良 Issue Date: 25 May 2021

簽發日期:二零二一年五月二十五日

Registration Number: HOKLAS 015



Date of First Registration : 23 March 1989 首次註冊日期:一九八九年三月二十三日

Appendix 5.3

Photo Records of Water Sampling Days

Photos taken by the Environmental Team on 2/7/2025





Photos taken by the Contractor on 2/7/2025



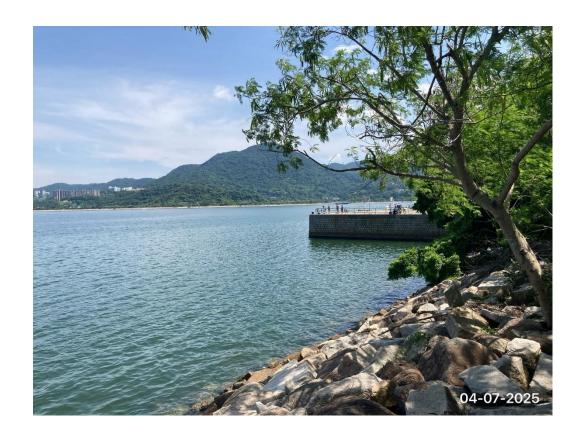


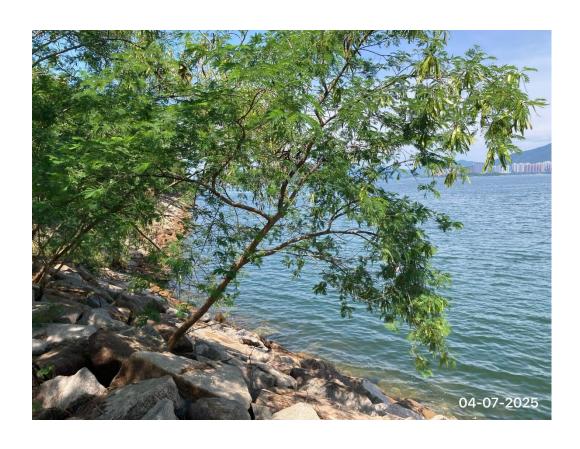
Photos taken by the Environmental Team on 4/7/2025





Photos taken by the Contractor on 4/7/2025





Photos taken by the Environmental Team on 7/7/2025





Photos taken by the Contractor on 7/7/2025





Photos taken by the Environmental Team on 9/7/2025





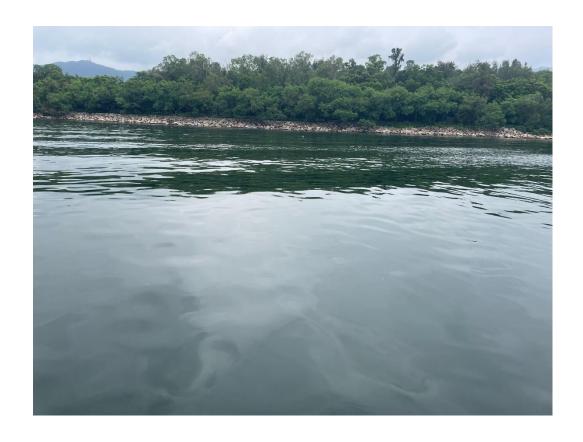
Photos taken by the Contractor on 9/7/2025



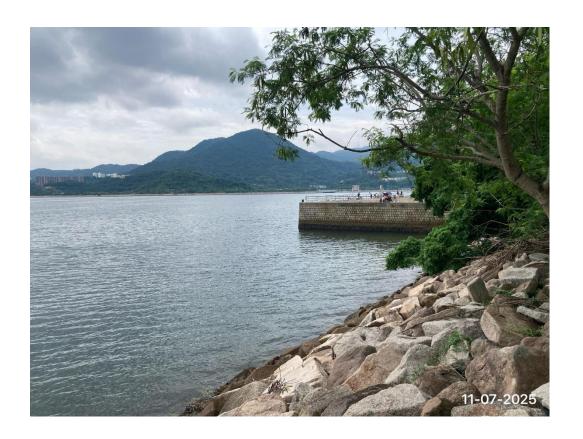


Photos taken by the Environmental Team on 11/7/2025





Photos taken by the Contractor on 11/7/2025





Photos taken by the Environmental Team on 14/7/2025





Photos taken by the Contractor on 14/7/2025





Photos taken by the Environmental Team on 16/7/2025





Photos taken by the Contractor on 16/7/2025





Photos taken by the Environmental Team on 18/7/2025





Photos taken by the Contractor on 18/7/2025





Photos taken by the Environmental Team on 23/7/2025





Photos taken by the Contractor on 23/7/2025



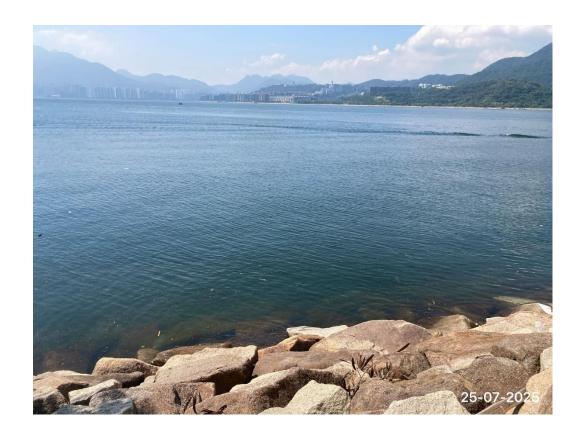


Photos taken by the Environmental Team on 25/7/2025





Photos taken by the Contractor on 25/7/2025

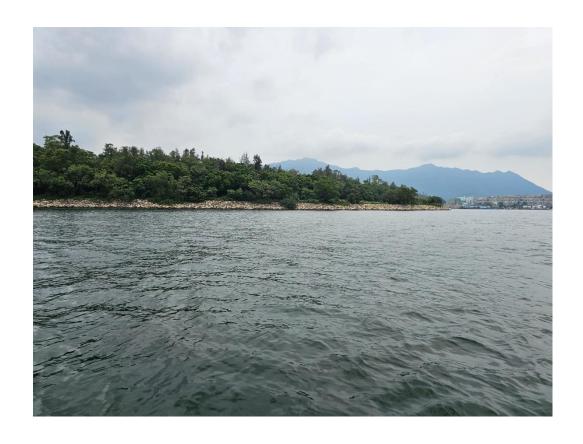






Photos taken by the Environmental Team on 28/7/2025





Photos taken by the Contractor on 28/7/2025





Photos taken by the Environmental Team on 30/7/2025





Photos taken by the Contractor on 30/7/2025







Appendix 5.4

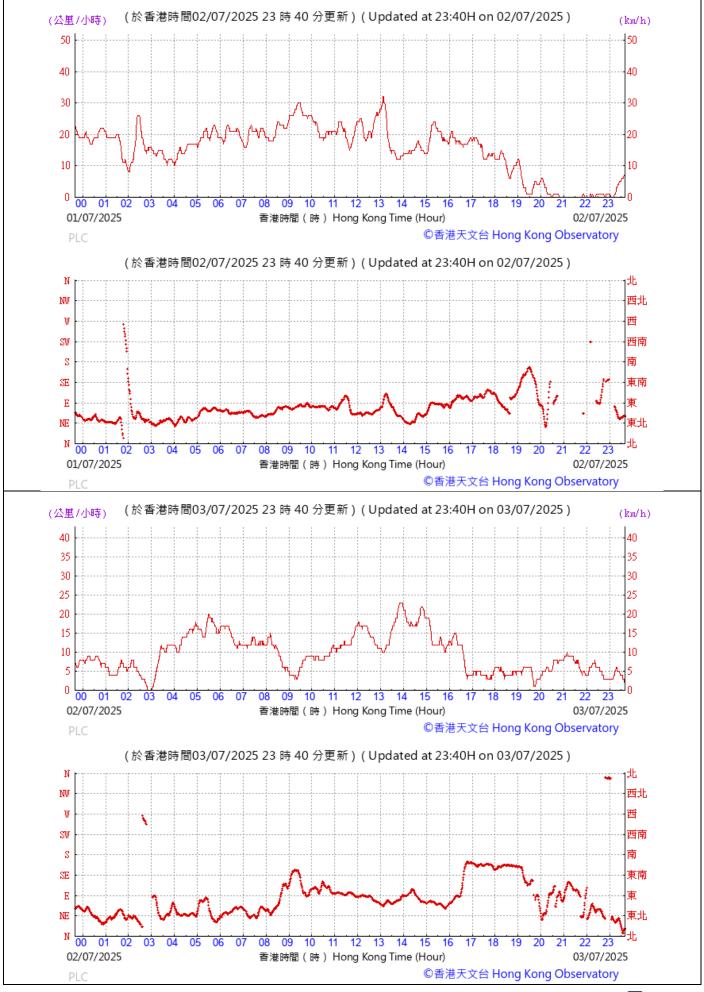
Weather Condition

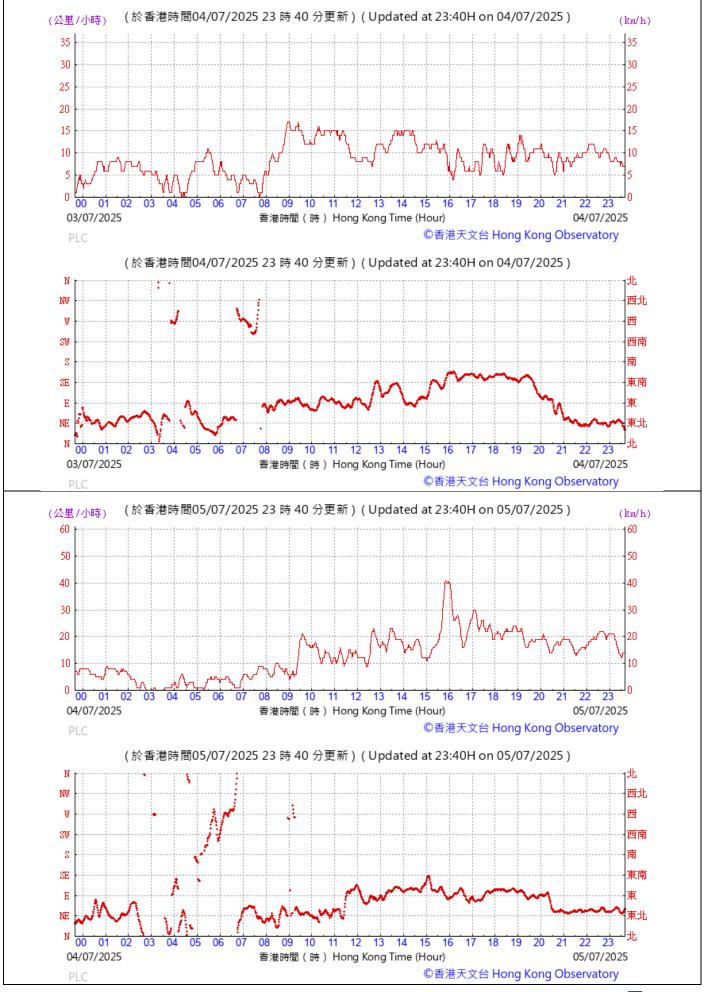
	Day	Mean Pressure (hPa)	Air Temperature			Moon	Moon	Mean	
Month			Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)	Mean Dew Pont (deg. C)	Mean Relative Humidity (%)	Amount of Cloud (%)	Total Rainfall (mm)
7	01	1008.0	29.8	28.2	26.4	25.7	87	86	5.5
7	02	1008.8	33.3	30.0	27.4	26.1	80	80	0.5
7	03	1007.5	33.6	30.3	28.4	25.6	76	82	0.0
7	04	1005.4	34.5	30.8	28.5	24.8	71	67	0.0
7	05	1003.3	34.8	30.6	29.0	24.6	71	80	3.7
7	06	1002.8	33.5	30.3	28.2	24.5	71	84	0.0
7	07	1003.1	34.3	31.2	29.1	26.5	77	70	0.0
7	80	1002.7	33.3	30.9	29.7	26.2	76	82	0.0
7	09	1000.0	33.6	30.7	25.8	26.3	77	84	15.2
7	10	996.7	29.0	26.3	25.0	25.1	93	91	126.4
7	11	998.9	29.9	27.9	25.9	24.9	84	88	0.0
7	12	1004.8	31.3	28.7	26.4	26.1	87	88	38.4
7	13	1006.2	33.3	30.1	27.8	26.3	81	88	1.9
7	14	1004.5	33.2	30.2	27.8	26.0	79	87	9.2
7	15	1003.5	32.7	30.3	28.3	26.4	79	85	3.2
7	16	1004.1	34.0	31.1	29.0	26.0	75	58	0.0
7	17	1003.1	34.2	31.3	29.2	26.5	76	74	0.0
7	18	1000.0	31.3	28.6	26.1	25.8	85	85	19.0
7	19	994.3	33.5	29.5	27.0	25.2	78	81	10.0
7	20	988.5	28.0	27.0	25.9	25.4	91	94	87.6
7	21	997.4	27.9	27.1	26.4	25.7	92	92	42.4
7	22	1002.0	30.5	28.0	25.8	25.8	88	88	95.7
7	23	1003.2	33.3	29.0	26.4	25.2	81	88	2.6
7	24	1002.0	32.0	29.4	27.5	24.8	77	80	Trace
7	25	1000.1	33.6	29.2	25.4	24.8	78	62	31.8
7	26	1000.0	35.2	30.2	26.1	24.9	74	36	0.0
7	27	1000.1	33.1	30.4	28.8	25.7	76	52	0.0
7	28	998.1	32.8	30.1	28.3	26.2	80	87	0.6
7	29	996.9	29.1	27.8	25.8	26.0	90	91	106.5
7	30	997.4	32.6	29.8	28.5	26.8	84	88	0.0
7	31	998.6	31.8	29.9	28.2	26.6	83	88	1.5

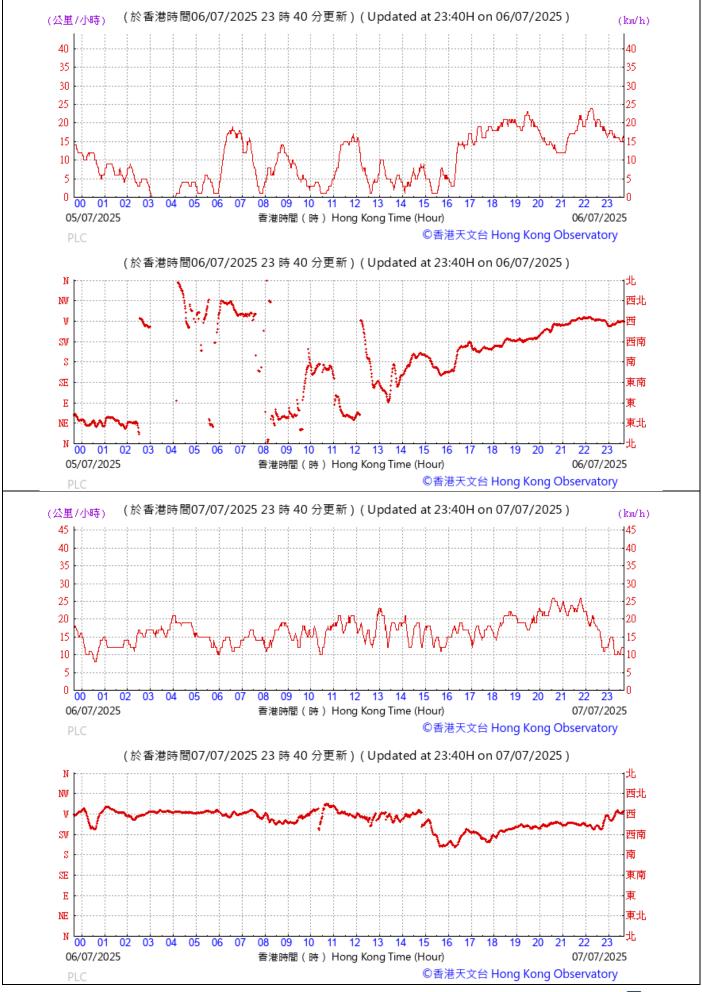
Trace means rainfall less than 0.05 mm.

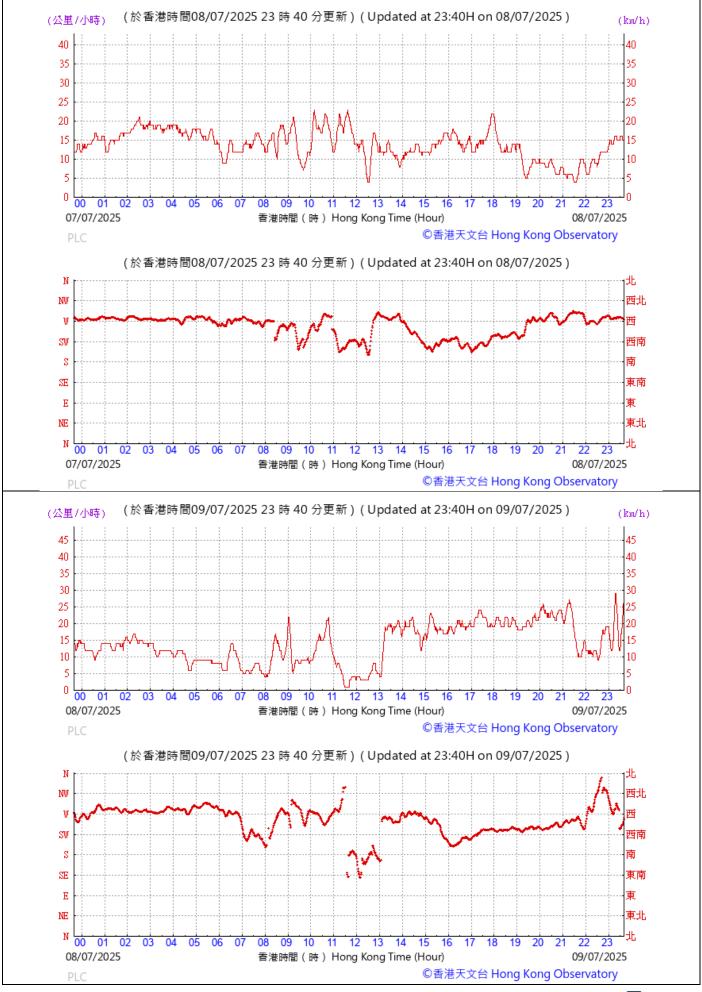
Data Source: Hong Kong Observatory

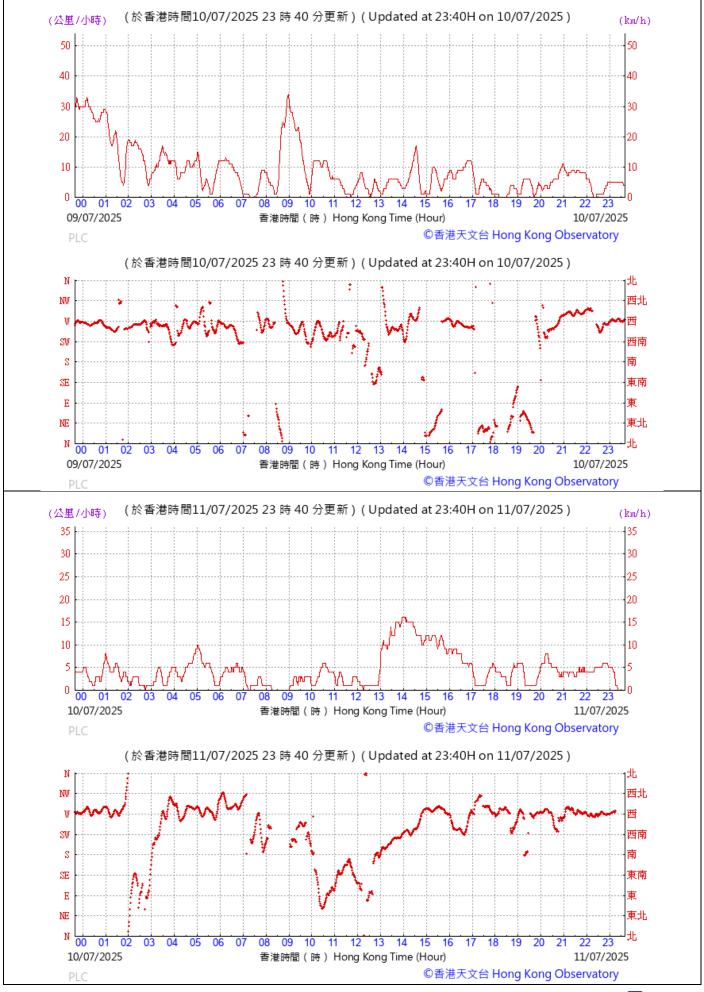


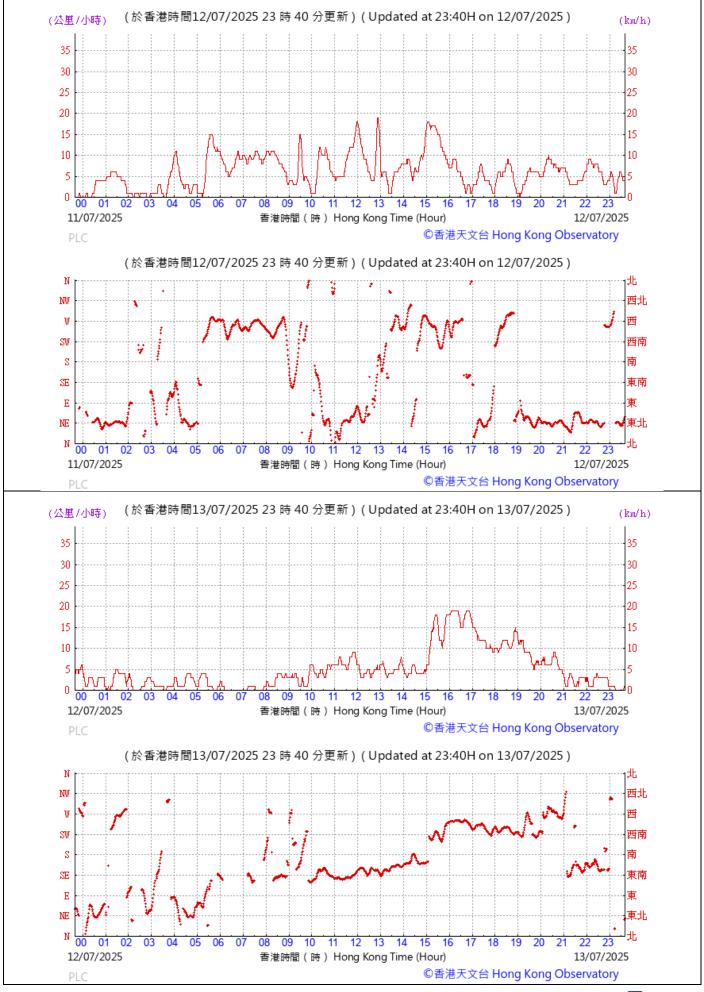


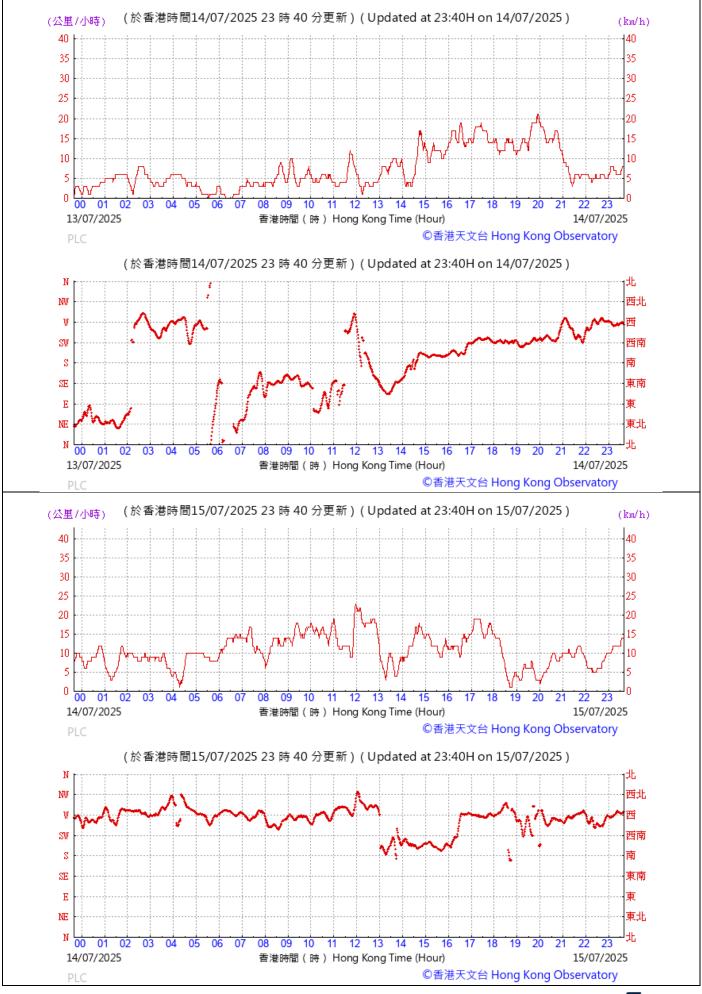


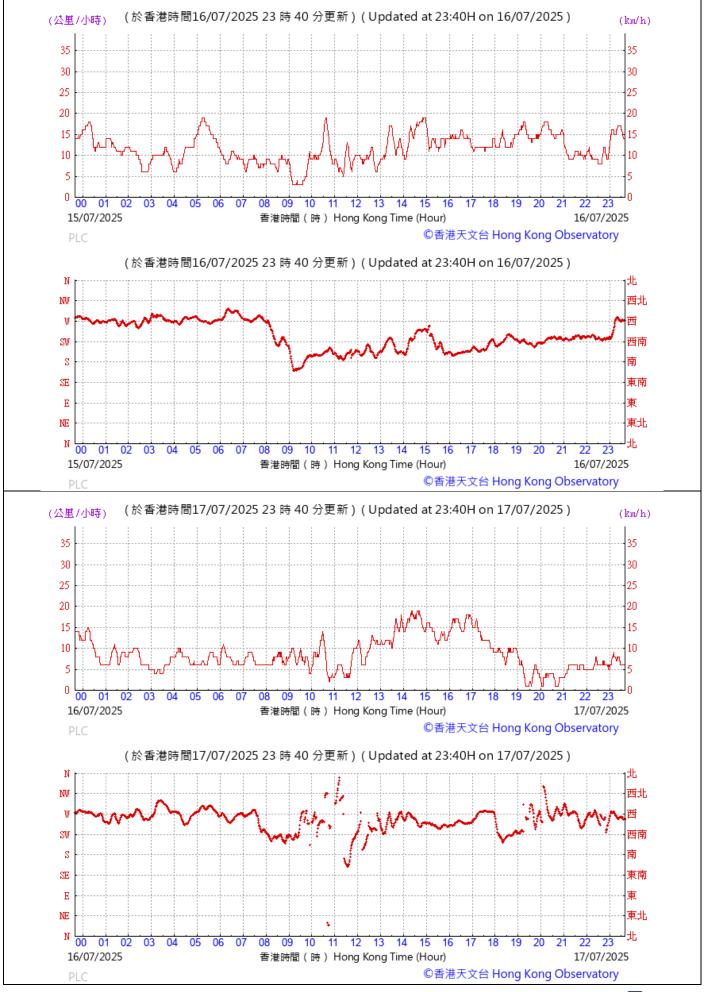


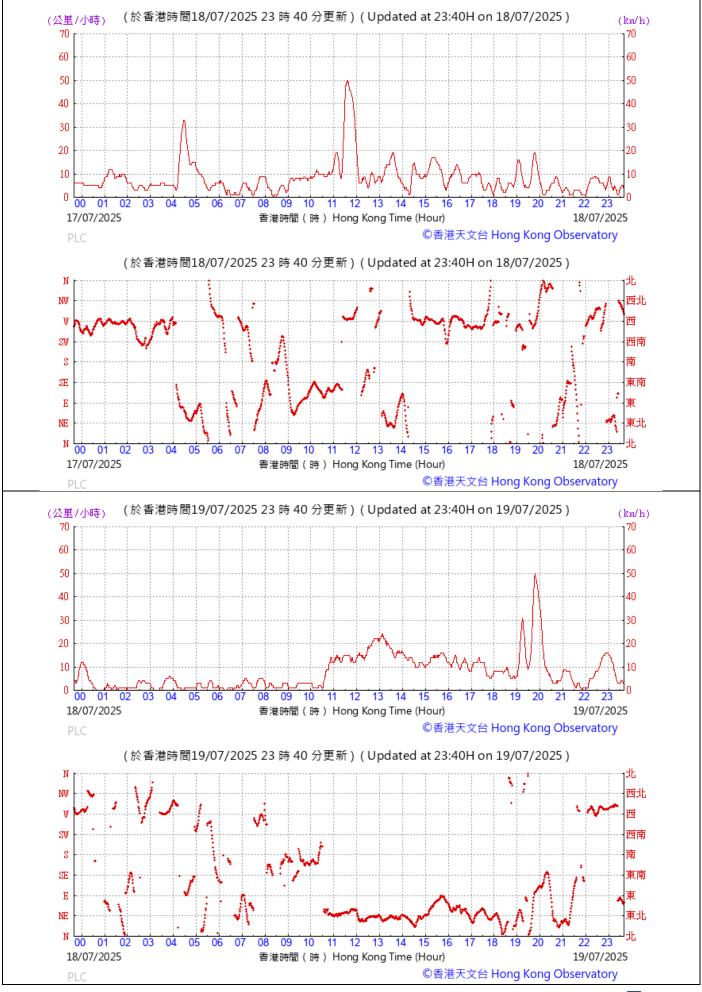


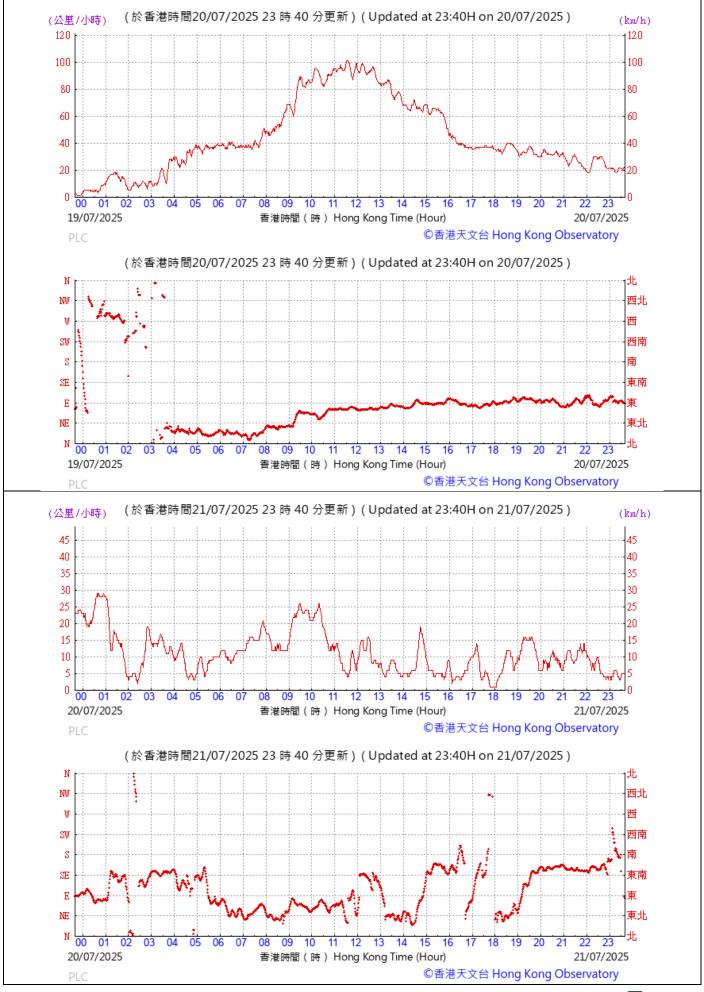


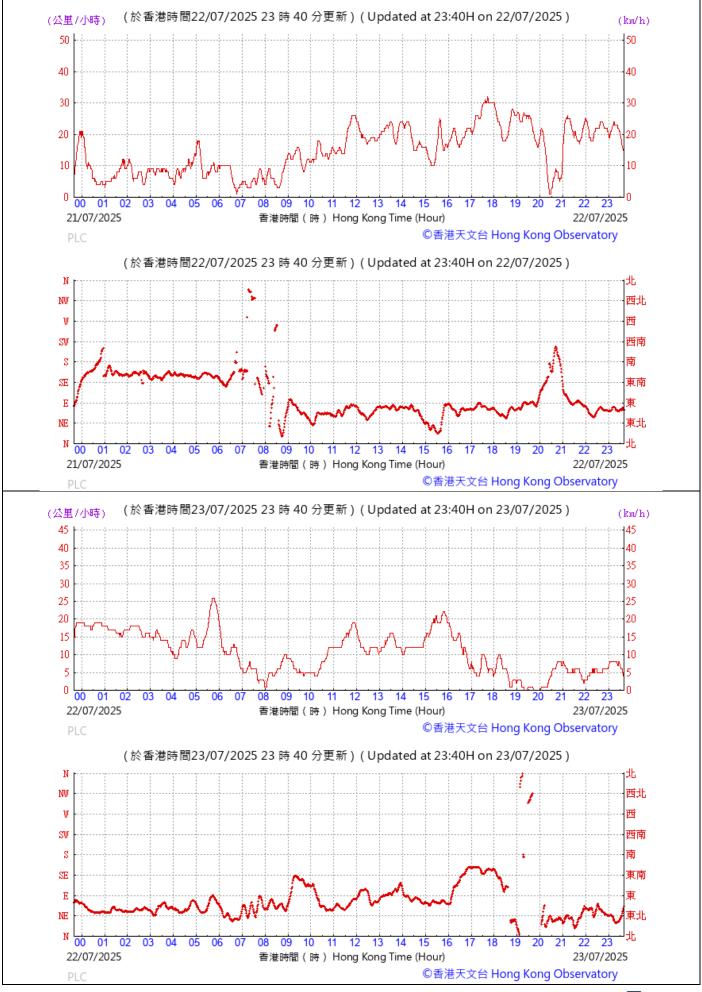


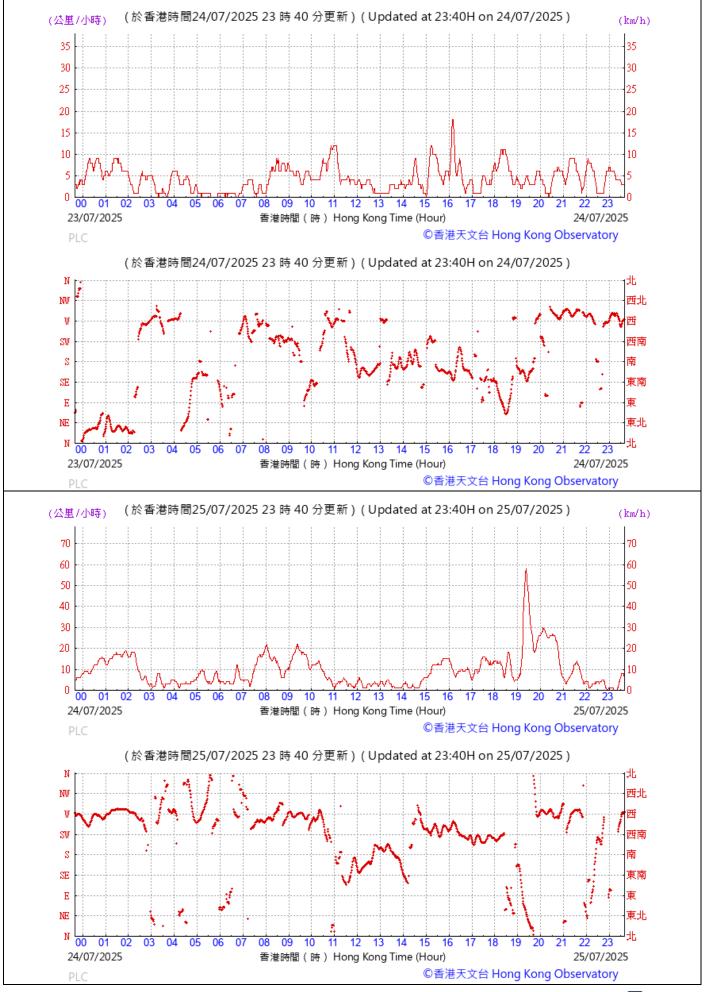


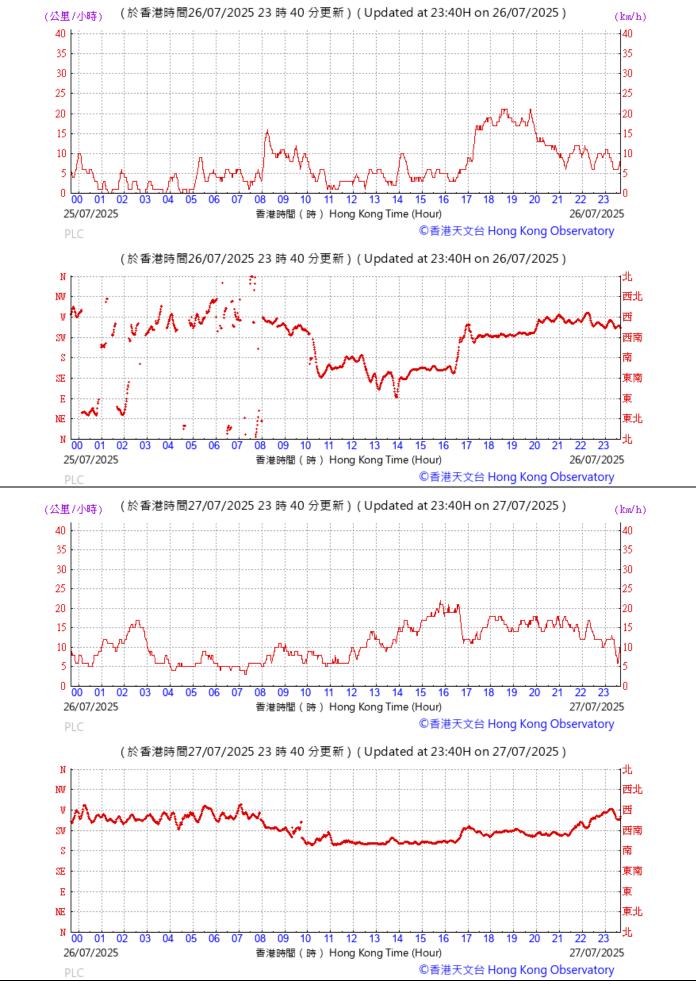


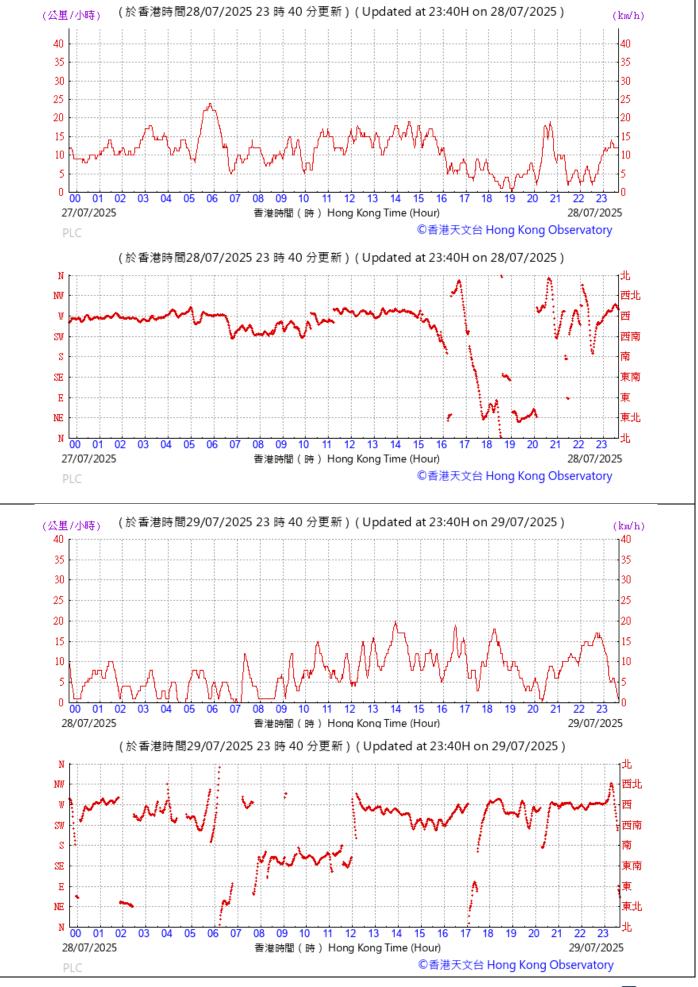




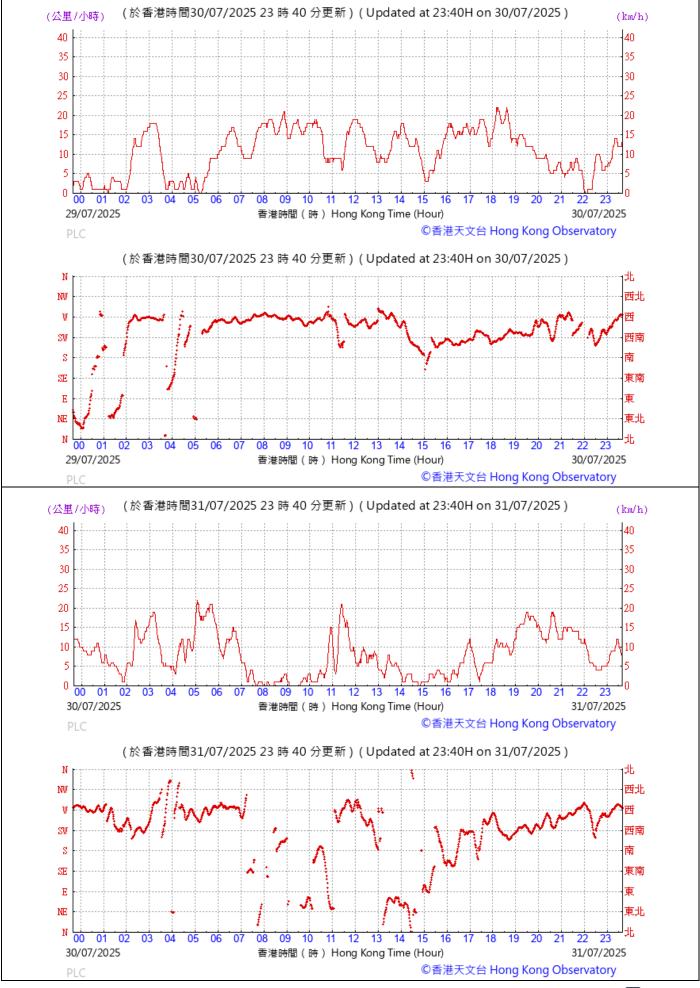


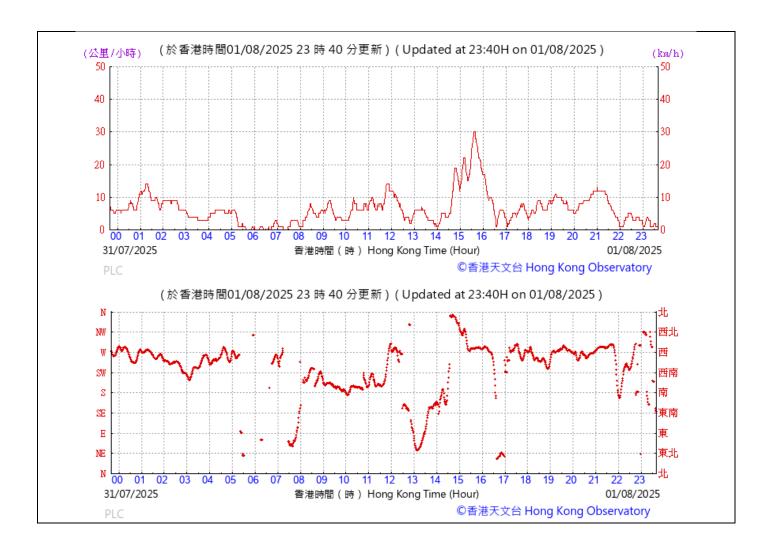












Appendix 5.5

Figures of Collared Crow and Black Kite Monitoring

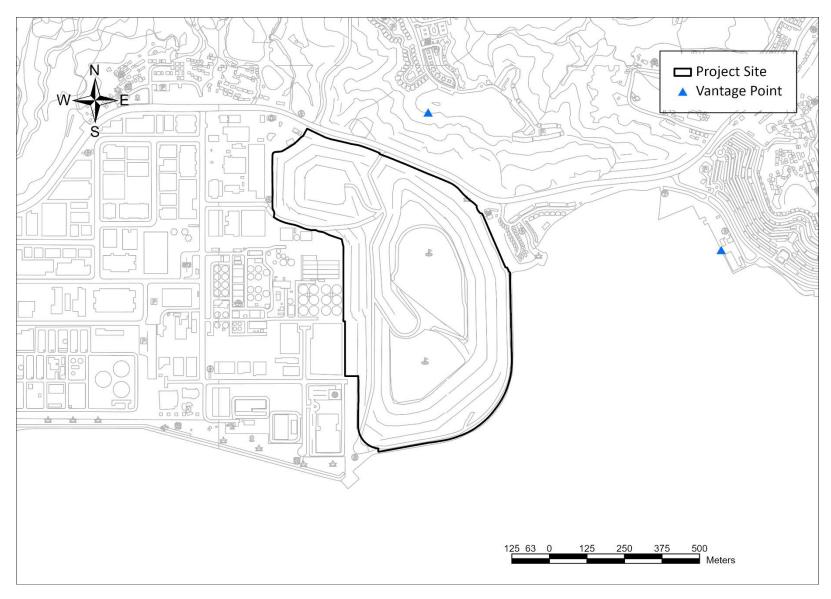


Figure 1 Vantage Points for Collared Crow and Black Kite Monitoring

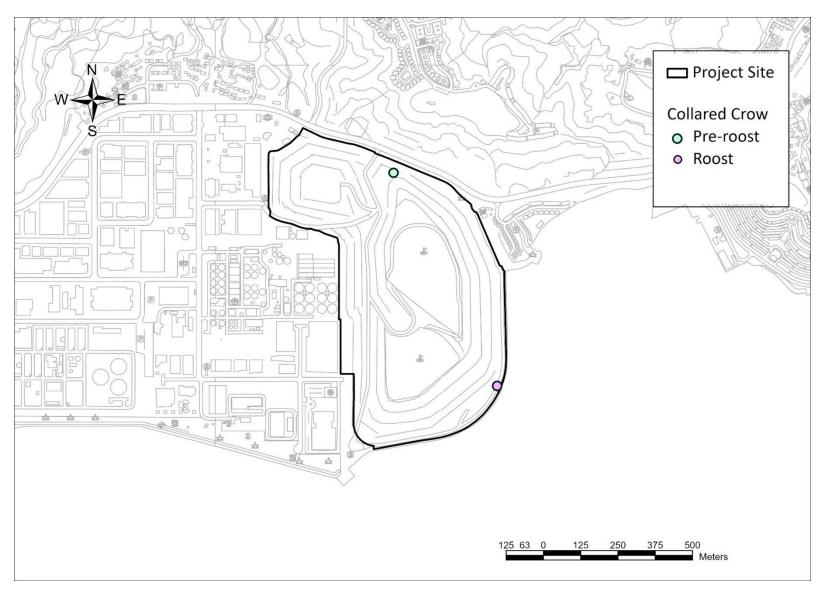


Figure 2 Locations of Collared Crow Recorded During the Monitoring

Appendix 7.1

Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan

Table 1 Cumulative Statistics on Complaints

Reporting Period	No. of Complaints
July 2025	0
Cumulative Project-to-Date	5

Table 2 Cumulative Statistics on Notifications of Summons and Successful Prosecutions

Reporting Period	No. of Notifications of Summons and Successful Prosecutions			
July 2025	0			
Cumulative Project-to-Date	0			



Appendix 8.1

Monitoring Schedule (August 2025)



Proposed Golf Course Development at Tai Po Lot No. 246 Shuen Wan CONSTRUCTION PHASE ENVIRONMENTAL MONITORING SCHEDULE

August 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
27	28	29	30	31	01	02	
	Water Quality Monitoring	Air Quality Monitoring Noise Monitoring	Water Quality Monitoring		Water Quality Monitoring		
03	04	05	06	07	08	09	
	Air Quality Monitoring Noise Monitoring Water Quality Monitoring		Water Quality Monitoring		Water Quality Monitoring	Air Quality Monitorin	
10	11	12	13	14	15	16	
	Water Quality Monitoring		Water Quality Monitoring		Air Quality Monitoring Noise Monitoring Water Quality Monitoring		
17	18	19	20	21	22	23	
	Water Quality Monitoring		Water Quality Monitoring	Air Quality Monitoring Noise Monitoring	Water Quality Monitoring		
24	25	26	27	28	29	30	
	Water Quality Monitoring		Air Quality Monitoring Noise Monitoring Water Quality Monitoring		Water Quality Monitoring		
31	01	Notes: Air Quality Monitoring Sta	tion: Noise Mo	nitoring Station:	Water Quality Monitor	ino.	
	DM-1: EPD Site Office NM-1a: Near Fortune Garden Entrance DM-2a: Near Fortune Garden Entrance NM-2: Village House at 53 Ting Kok Road WM-2: West of Yim Tin Tsai Fish Culture Zor DM-3a: Outside Hung Hing Printing Centre Schedule may change due to unforeseen circumstances (adverse weather, etc).						